ASSESSMENT OF THE ENVIRONMENTAL IMPACTS OF THE HART-MILLER ISLAND CONTAINMENT FACILITY

ELEVENTH ANNUAL DATA REPORT
AUGUST 1991 - AUGUST 1992

SUBMITTED TO
MARYLAND WATER RESOURCES ADMINISTRATION

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FOREWORD

The eleventh annual data report represents the results of monitoring of the Hart-Miller Island dredge containment facility conducted from August 1991 through August 1992. This document contains reports from the principal investigators and data printouts from the Resource Monitoring Data Storage System. There is no data from Project I because the scope of work is limited to scientific coordination and data management. This data report serves as a companion document to the associated interpretive report entitled **"The Continuous State Assessment of the Environmental Impacts of Operation of the Hart-Miller Island Containment Facility, Eleventh Annual Interpretive Report"**.

TABLE OF CONTENTS

LIST OF FIGURES

SEDIMENTARY ENVIRONMENT

PART 1: SEDIMENTARY ENVIRONMENT

PART 2: BEACH EROSION STUDY

BENTHIC STUDIES

LIST OF TABLES

SEDIMENTARY ENVIRONMENT

PART 1: SEDIMENTARY ENVIRONMENT

PART 2: BEACH EROSION STUDY

BENTHIC STUDIES

The Continuing State Assessment of the Environmental Impacts of Construction and Operation of the Hart-Miller Island Containment Facility

Project II

SEDIMENTARY ENVIRONMENT ELEVENTH YEAR DATA REPORT (November 1991 - October 1992)

Part 1: Sedimentary Environment
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PART 1: SEDIMENTARY ENVIRONMENT

INTRODUCTION

This report partially fulfills the requirements of a contract (#593611) with the State of Maryland to assess the environmental impacts of construction and operation of the Hart-Miller Island Dredged Material Containment Facility (HMI). The reported data were collected under the Sedimentary Environment Project (Project II) of that contract. One of the primary objectives of the project was to identify the sedimentological and geochemical conditions of the near-surface sediment column in the vicinity of the containment facility.

METHODOLOGY

FIELD METHODS

The information presented in this report is based on observations and analyses of samples collected on two cruises aboard the R/V Discovery during the eleventh year of monitoring. Sampling sites (Fig. 1-1) were located in the field by means of the LORAN-C navigational system. For the past nine years, the same LORAN X and Y time delays (TDs) have been used to locate the stations that were established during the initial phase of this project. The repeatability of LORAN-C navigation, that is, the ability to return to a location at which a navigation fix has previously been obtained, is affected primarily by seasonal and weather-related changes along the signal transmission path. Data recorded in 1982 from the U.S. Coast Guard Harbor Monitor at Yorktown, Virginia provide an approximate range of repeatable error. That year, variations in the X-lines amounted to 0.256 units and, in the Y-lines, 0.521 units. In the central Chesapeake Bay, one X-TD unit equals approximately 285 m (312 yd) and one Y-TD unit, 156 m (171 yd). Therefore, when a vessel reoccupies an established station in the Bay region, it should be within about 100 m (109 yd) of its original location (Halka, 1987). LORAN-C TDs were converted to 'corrected' latitudes and longitudes (NAD 1927) using a computer program that incorporates the results of a LORAN-C calibration in Chesapeake Bay (Halka, 1987). The LORAN-C TDs, latitude, and longitude for each station are listed in Table 1-1, along with the corresponding Resource Monitoring Database (RESMON) identifier.

Surficial sediment samples were collected in November 1991 (Cruise 26) and April 1992 (Cruise 27). During the ninth year of monitoring, the number of sampling stations was doubled in response to the detection of abnormally high Zn levels in sediments near spillway #1 (Hennessee and Hill, 1992). The expanded sampling plan was retained throughout the eleventh year. In November 1991, 66 sites, including all of the BC (core) stations, were occupied. In April 1992, 62 stations were revisited.

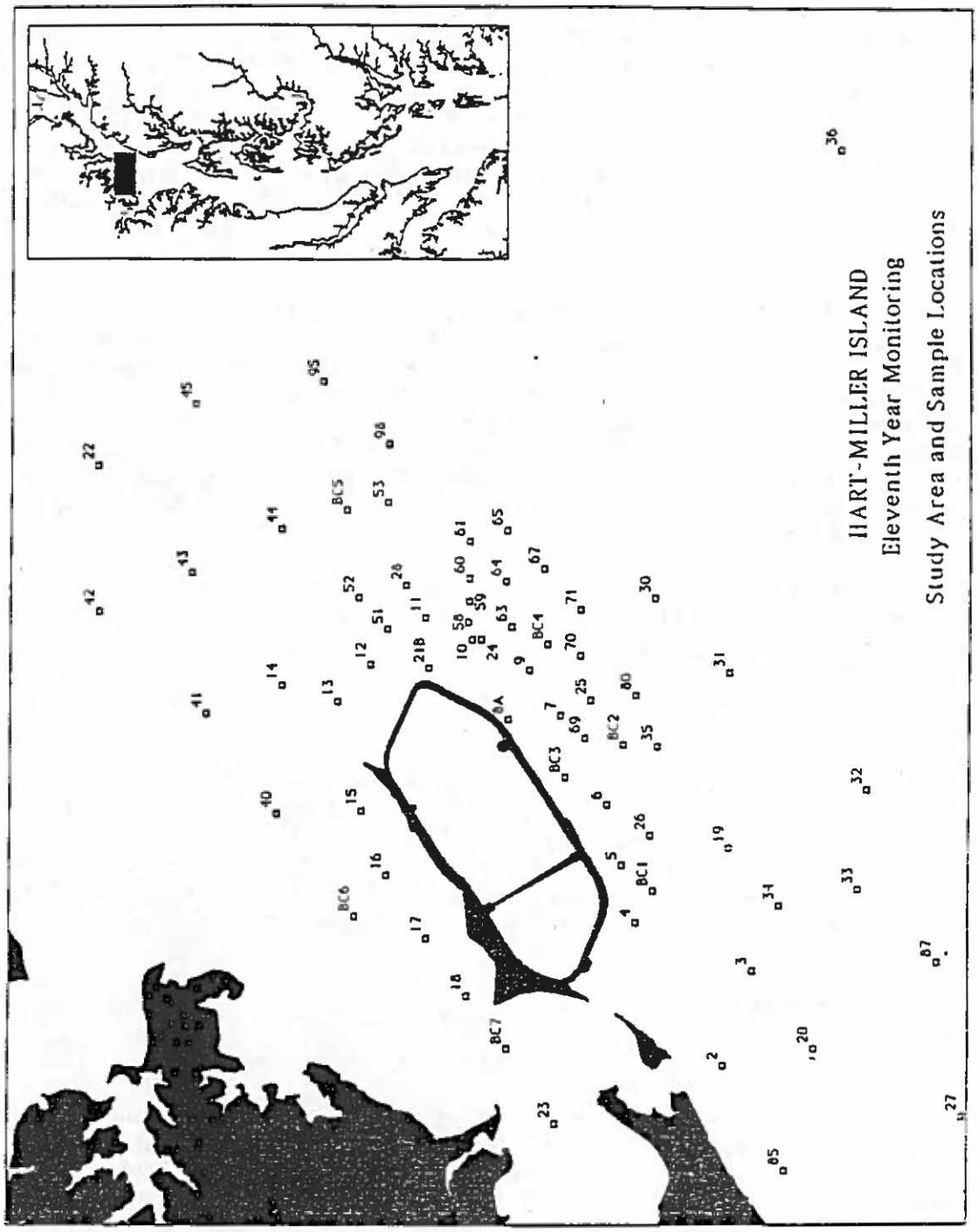

Figure 1-1: The Hart-Miller Island Containment Facility and vicinity with locations of the surficial sediment and core stations sampled during the eleventh year of exterior monitoring.

Undisturbed samples of the upper 8-10 cm of the sediments were obtained with a dip-galvanized Petersen sampler. At least one grab sample was collected at each station and split for textural and trace metal analyses. Triplicate grab samples were collected at eight stations (11, 12, 16, 24, 25, 28, BC3, and BC6) in November 1991 and at seven of those eight stations in April 1992. (Attempts to collect replicates at station 12 failed.) During the April cruise, additional grab samples were taken for organic contaminant analysis at nine stations (23, 24, 25, 28, 30, 34, 36, BC3, and BC6). Upon collection, each sediment sample was described lithologically (Tables 1-2 and 1-3) and subsampled.

Sediment and trace metal subsamples were collected using plastic scoops rinsed with distilled water. These samples were taken several centimeters from the top, below the flocculent layer, and away from the sides of the sampler to avoid possible contamination by the grab sampler. They were placed in 18-oz "Whirl-Pak" bags. Samples designated for textural analysis were stored out of direct sunlight at ambient temperatures. Those intended for trace metal analysis were refrigerated and maintained at 4°C until processing.

Subsamples for organic analysis were collected with an aluminum scoop (also rinsed with distilled water), placed in pre-treated glass jars, and immediately refrigerated. They were delivered to the Maryland Environmental Service (MES) office at the containment facility, then transferred to a private laboratory for analysis.

In April 1992, gravity cores were collected at the seven box core (BC) stations and at stations 12 and 25 (Fig. 1-1). A Benthos gravity corer (Model #2171) fitted with clean cellulose acetate butyrate (CAB) liners, 6.7 cm in diameter, was used. Each core was cut and capped at the sediment-water interface, then refrigerated until it could be x-rayed and processed in the lab.

LABORATORY PROCEDURES

Radiographic Technique

Prior to processing, the upper 50 cm of each core were x-rayed at the Maryland Geological Survey, using a TORR-MED x-ray unit (x-ray settings: 90 kv, 5 mas, 30 sec). A negative x-ray image of the core was obtained by xeroradiographic processing. On a negative xeroradiograph, denser objects or materials, such as shells or sand, produce lighter images. Objects of lesser density permit easier penetration of x-rays and, therefore, appear as darker features. The xeroradiographs are reproduced in an appendix to the *Eleventh Year Interpretive Report*.

Each core was then extruded, photographed, and described. Visual and radiographic observations of the cores are presented in Appendix A of this report. On the basis of these observations, sediment samples for textural and trace metal analyses were taken at selected intervals from each core.

Textural Analysis

In the laboratory, subsamples from both the surficial grabs and gravity cores were analyzed for water content and grain size composition (sand-silt-clay content). Values of these four measured physical characteristics - WATER CONTENT, SAND, SILT, and CLAY - are reported in the SEDIMENT CHARACTERIZATION DATA table. In that table, GRAB samples are distinguished from CORE samples in the first column labelled "METHOD". For cores, the columns "FROM CORE RANGE CM." and "TO CORE RANGE CM." indicate the sampled interval within the core, measured in centimeters from the sediment-water interface.

Water content was calculated as the percentage of the water weight to the total weight of the wet sediment:

$$Wc = \frac{Ww}{Wt} \times 100$$

where Wc = water content (%)
Ww = weight of water (g)
Wt = weight of wet sediment (g).

Water weight was determined by weighing approximately 25 g of the wet sample, drying the sediment at 65°C, and reweighing it. The difference between total wet weight (Wt) and dry weight equals water weight (Ww). Bulk density was also determined from water content measurements.

The relative proportions of sand, silt, and clay were determined using the sedimentological procedures described in Kerhin *et al.* (1988). The sediment samples were pre-treated with hydrochloric acid and hydrogen peroxide to remove carbonate and organic matter, respectively. Then the samples were wet sieved through a 62-μm mesh to separate the sand from the mud (silt plus clay) fraction (see Table 1-4 for the definitions of sand, silt, and clay). The finer fraction was analyzed using the pipette method to determine the silt and clay components (Blatt *et al.*, 1980). Each fraction was weighed; percent sand, silt, and clay were determined; and the sediments were categorized according to Pejrup's (1988) classification (Fig. 1-2).

PEJRUP'S DIAGRAM

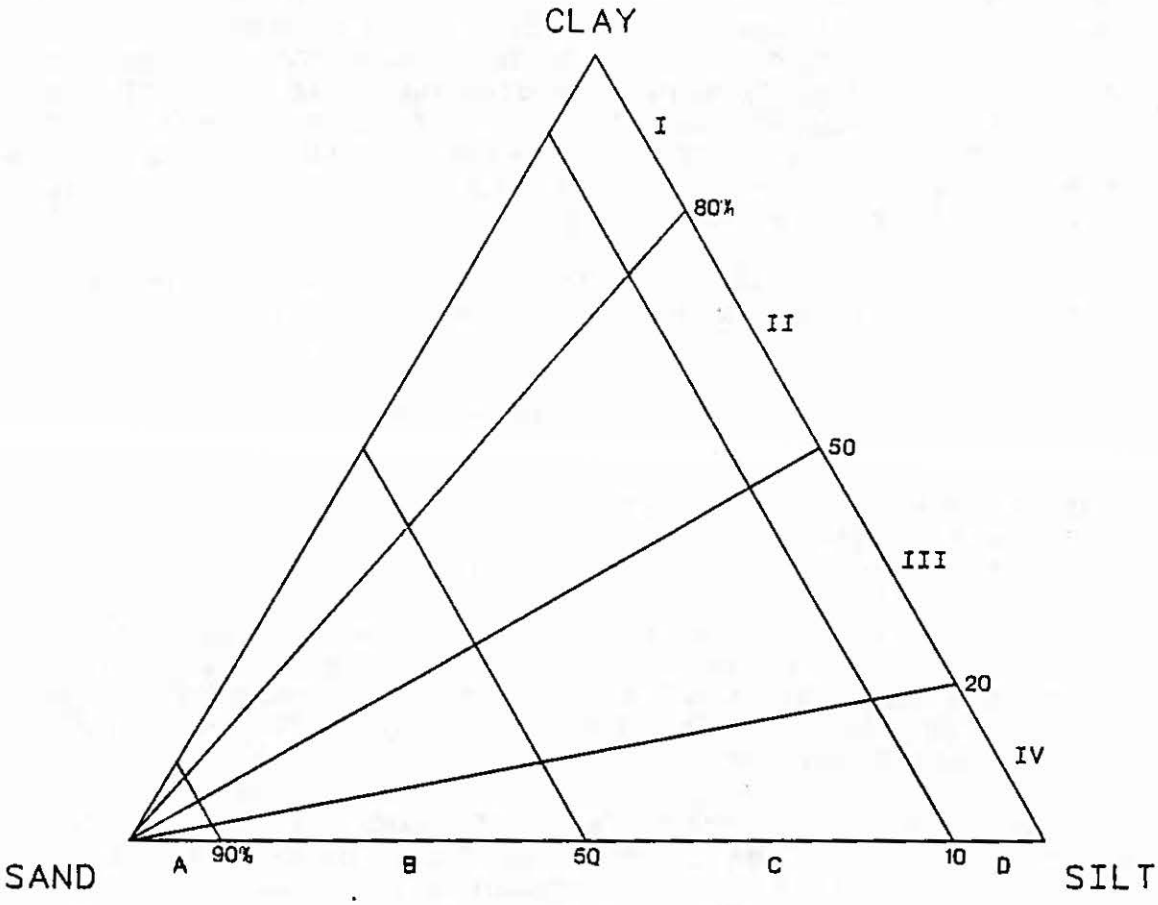

Figure 1-2: Pejrup's (1988) classification of sediment type.

Trace Metal Analysis

Sediment solids were analyzed for six trace metals - iron (Fe), manganese (Mn), zinc (Zn), copper (Cu), chromium (Cr), and nickel (Ni). These metals are particularly useful in interpreting geochemical trends (see Sinex and Helz, 1981; Kerhin *et al.*, 1982). This year analytical procedures differed from those used previously. Trace metal concentrations were determined using a microwave digestion technique, followed by analysis of the digestate on an Inductively Coupled Argon Plasma unit (ICAP).

Microwave digestion of the samples has several advantages over other digestion methods:

1. The system is sealed, so no volatile elements are lost.

2. Compared to strong acid reflux methods, microwave digestion is rapid (on the order of minutes as opposed to hours).

3. Samples must be weighed accurately, but not to precisely defined target weights, as in fusion methods.

4. Only acids are used. No flux is required, as in fusion, so additional sources of contamination are minimized. Also, in using an ICAP, as opposed to an atomic absorption spectrophotometer (AA), matrix modifiers are not required, further reducing sources of error.

5. Recovery of the metals of interest is as good as or better than other digestion methods.

The steps in microwave digestion, modified from EPA Method #3051 (Soil Sample Digestion Procedure for Floyd Digestion Vessels), are outlined below:

1. Samples were homogenized in the "Whirl-Pak" bags in which they were stored and refrigerated (4°C).

2. Approximately 10 g of wet sample were transferred to Teflon evaporating dishes and dried overnight at 105-110°C.

3. Dried samples were then hand-ground with an agate mortar and pestle, powdered in a ball mill, and stored in "Whirl-Pak" bags.

4. 0.5000±0.0005 g of dried, ground sample was weighed and transferred to a Teflon digestion vessel.

5. 2.5 ml concentrated HNO_3 (trace metal grade), 7.5 ml

concentrated HCl (trace metal grade), and 1 ml ultra-pure water were added to the Teflon vessel.

6. The vessel was capped with a Teflon seal, and the cap was hand tightened. Between four and twelve vessels were placed in the microwave carousel. (Preparation blanks were made by using 0.5 ml of high purity water plus the acids used in Step 5.)

7. Samples were irradiated using programmed steps appropriate for the number of samples in the carousel. These steps have been optimized based on pressure and percent power. The samples were brought to a temperature of 175°C in 5.5 minutes, then maintained between 175-180°C for 9.5 minutes. (The pressure during this time peaks at approximately 6 atm for most samples.)

8. Vessels were cooled to room temperature and uncapped. The contents were transferred to a 100 ml volumetric flask, and high purity water was added to bring the volume to 100 ml. The dissolved samples were transferred to polyethylene bottles and stored for analysis.

9. The samples were analyzed.

Samples were analyzed using a Thermo Jarrel-Ash Atom-Scan 25 sequential ICAP. The wavelengths and conditions selected for the elements of interest were determined using digested bottom sediments from the vicinity of Hart-Miller Island and standard reference materials from the National Institute of Standards and Technology (#1646 - Estuarine Sediment; #2704 - Buffalo River Sediment) and the National Research Council of Canada (PACS-1 - Marine Sediment).

The wavelengths and conditions were optimized for the expected metal levels and the sample matrix. Quality control was maintained by routinely including blanks, replicates and standard reference materials in the analysis. Blanks were run every 20 samples; one sample in every ten was replicated; and a standard reference material was analyzed after every ten samples.

Trace metal concentrations of surficial samples and core subsamples are reported in the SEDIMENT CHEMISTRY DATA table. In the table, the names of the variables measured using the methods described above are: TOTAL CHROMIUM (Method 181), TOTAL NICKEL (Method 185), TOTAL IRON (Method 183), TOTAL MANGANESE (Method 184), TOTAL ZINC (Method 186), and TOTAL COPPER (Method 182). Again, GRAB samples are distinguished from CORE samples in the first column labelled "METHOD". For cores, the columns "FROM CORE RANGE CM." and "TO CORE RANGE CM." indicate the sampled interval within the core, measured in centimeters from the sediment-water

interface.

PART 2: BEACH EROSION STUDY

INTRODUCTION

Since the spring of 1983, the Maryland Geological Survey has been assessing the erosional problems affecting the recreational beach between Hart and Miller Islands. This year, the primary objectives of the study were to determine net sediment loss from the beach and to identify areas in which sediment was eroding or accreting.

METHODOLOGY

Ten profile lines were surveyed along the recreational beach to assess the changes occurring from the center line of the dike roadway to approximately 30 ft offshore (Fig. 2-1). The ten lines were surveyed twice during the study year: May 1991 and May/June 1992.

Profile elevations were transferred directly from Maryland Port Administration (MPA) bench mark number 281614 (elevation = 14.57 ft MLW), located approximately 22 ft east of the center line of the dike roadway at station 30+00, and from bench marks established along the chain link fence by the Great Lakes Dredging Company (Fig. 2-1).

Initially, the location of each profile station along the center line of the dike roadway was established as described in Hennessee *et al.* (1990). During subsequent surveys, the center line of the dike roadway was located by measuring 13 ft east of the chain link fence with a fiberglass tape. An automatic level was set up along the center line of the dike roadway. The level was then aligned with the orange marks painted on the fence from earlier surveys. Alignment of the level with the orange marks ensured repeatability in measuring the same azimuth down the profile as earlier surveys.

Through May 1989, profiles were measured from the center line of the dike roadway downslope in 50 ft increments and at obvious changes in elevation. The water line and elevations below mean low water were also recorded. By September 1989, the area between the chain link fence and the snow fence was stabilized with two berms, drainage ditches, and vegetation. The area between the chain link fence and the snow fence was eliminated from subsequent profiling sessions. Elevations were transferred from the center line of the roadway to wooden stakes placed several feet bayward of the snow fence. The transfer of elevations was necessary to reduce or eliminate elevation recording errors introduced by the stadia rod's bending in the wind.

Distance and elevation data from the two surveys conducted during the monitoring year are tabulated in Tables 2-1 and 2-2.

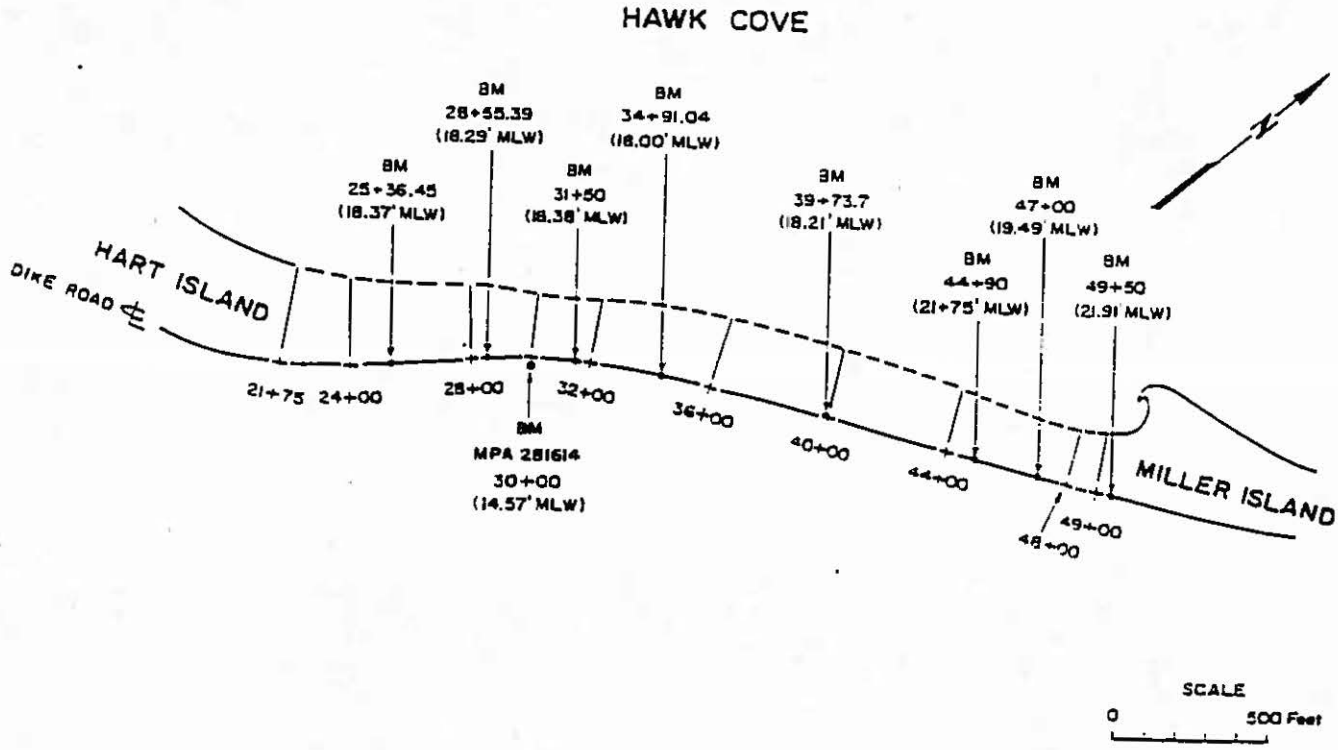

Figure 2-1: Locations of bench marks and profile lines along the recreational beach between Hart and Miller Islands.

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Table 1-1: LORAN-C and geographic coordinates of stations sampled during the eleventh monitoring year

Station number MGS	RESMON	LORAN-C time delays X	Y	Corrected* latitude(N) (deg, min, sec)	longitude(W) (deg, min, sec)
2	XIF3638	27640.8	42888.1	39 13 32.2	76 23 43.8
3	XIF3430	27636.5	42886.5	39 13 21.7	76 22 58.1
4	XIF4126	27637.3	42895.6	39 14 5.4	76 22 35.5
5	XIF4221	27635.4	42897.0	39 14 10.8	76 22 7.9
6	XIF4317	27633.4	42898.5	39 14 16.6	76 21 38.9
7	XIF4609	27631.0	42902.6	39 14 34.5	76 20 56.0
8A	XIF5009	27632.3	42906.5	39 14 53.8	76 20 57.7
9	XIF4806	27629.9	42905.2	39 14 46.1	76 20 33.9
10	XIF5203	27630.0	42909.7	39 15 7.6	76 20 19.3
11	XIF5501	27630.2	42913.4	39 15 25.3	76 20 8.7
12	XIF5805	27633.3	42917.4	39 15 46.3	76 20 31.2
13	XIF6008	27635.5	42919.7	39 15 58.6	76 20 49.1
14	XIF6407	27636.1	42924.0	39 16 19.5	76 20 41.0
15	XIF5917	27639.2	42917.2	39 15 49.1	76 21 41.7
16	XIF5722	27641.1	42914.9	39 15 39.5	76 22 12.4
17	XIF5427	27642.6	42911.4	39 15 23.8	76 22 42.7
18	XIF5232	27643.9	42908.0	39 15 8.6	76 23 10.2
19	XIF3620	27632.3	42889.0	39 13 30.8	76 21 59.3
20	XIF3064	27638.1	42881.4	39 12 58.6	76 23 35.1
21B	XIF5505	27632.1	42912.9	39 15 24.1	76 20 32.9
22	XIG7589	27631.7	42939.2	39 17 29.0	76 18 55.7
23	XIF4642	27646.8	42900.5	39 14 35.0	76 24 11.5
24	XIF5302	27629.8	42909.0	39 15 4.1	76 20 19.3
25**	XIF4405	27629.7	42900.4	39 14 23.2	76 20 48.3
26	XIF4016	27633.6	42895.0	39 14 0.1	76 21 53.6
27	XIF2038	27637.4	42869.7	39 12 2.7	76 24 8.1
28**	XIG5699	27629.4	42915.1	39 15 33.0	76 19 53.0
30**	XIF4000	27624.3	42896.1	39 13 59.2	76 19 59.5
31	XIG3506	27625.5	42890.0	39 13 31.0	76 20 35.0
32	XIF2715	27627.0	42879.0	39 12 39.8	76 21 31.3
33	XIF2723	27631.0	42879.0	39 12 42.5	76 22 18.9
34**	XIF3224	27633.4	42884.9	39 13 12.0	76 22 26.8
35	XIF3012	27630.0	42895.0	39 13 57.7	76 21 10.8
36**	XIG2964	27602.6	42884.7	39 12 51.0	76 16 23.3
40	XIF6417	27641.2	42923.6	39 16 21.0	76 21 43.0
41	XIG6809	27639.0	42929.6	39 16 48.0	76 20 55.0
42	XIG7501	27637.4	42938.2	39 17 28.0	76 20 6.0
43	XIG6998	27633.8	42931.6	39 16 54.0	76 19 47.0
44	XIG6394	27630.0	42924.9	39 16 20.0	76 19 26.0
45	XIG6984	27627.1	42932.2	39 16 53.0	76 18 26.0
51	XIG5702	27631.5	42916.3	39 15 40.0	76 20 14.0
52	XIG5990	27631.0	42918.7	39 15 51.0	76 19 59.0

X1630 90 —

Table 1-2 (con't): LORAN-C and geographic coordinates of stations sampled during the eleventh monitoring year

Station number MGS	RMDSS	LORAN-C time delays X	Y	Corrected* latitude(N) (deg, min, sec)	longitude(W)
53	XIG5792	27626.6	42917.0	39 15 40.0	76 19 13.0
58	XIG5202	27629.4	42910.1	39 15 9.0	76 20 11.0
59	XIG5200	27628.6	42910.2	39 15 9.0	76 20 1.0
60	XIG5298	27627.7	42910.3	39 15 9.0	76 19 50.0
61	XIG5295	27626.2	42910.5	39 15 9.0	76 19 32.0
63	XIG4902	27628.6	42906.8	39 14 53.0	76 20 13.0
64	XIG4999	27627.0	42907.5	39 14 55.0	76 19 51.0
65	XIG4995	27625.0	42907.7	39 14 55.0	76 19 27.0
67	XIG4798	27625.6	42904.7	39 14 41.0	76 19 45.0
69	XIF4411	27631.3	42900.6	39 14 25.0	76 21 7.0
70	XIG4505	27628.2	42901.4	39 14 27.0	76 20 27.0
71	XIG4501	27626.4	42901.7	39 14 27.0	76 20 5.0
80	XIG4108	27628.5	42897.0	39 14 6.0	76 20 46.0
85	XIF3246	27643.4	42882.8	39 13 9.0	76 24 34.0
87	XIF2229	27632.1	42872.6	39 12 13.0	76 22 54.0
95	XIG6183	27623.3	42922.7	39 16 5.0	76 18 15.0
98	XIG5788	27624.3	42917.3	39 15 40.0	76 18 45.0
BC-1	XIF4024	27635.7	42894.5	39 13 59.1	76 22 20.3
BC-2	XIF4285	27630.7	42897.6	39 14 10.5	76 21 10.0
BC-3	XIF4615	27633.3	42901.9	39 14 32.6	76 21 25.8
BC-4	XIF4703	27628.5	42904.0	39 14 39.5	76 20 21.5
BC-5	XIF6388	27627.8	42920.1	39 15 55.6	76 19 16.9
BC-6	XIF5925	27643.4	42917.1	39 15 51.4	76 22 32.0
BC-7	XIF4964	27645.0	42904.6	39 14 53.2	76 23 35.4

* Latitude and longitude (NAD 1927) were derived from LORAN-C TDs using a computer program that incorporates the results of a LORAN-C calibration in Chesapeake Bay (Halka, 1987).

** Coincides with a benthic station

Table 1-2: Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
2	4	No floc layer; clean, fine sand, mottled dark yellowish brown (10 YR 4/2) and moderate brown (5 YR 3/4), uniform texture; a few adult Rangia cuneata, articulated and disarticulated; no odor.
3	13	Thick (4 cm), dark yellowish brown (10 YR 4/2) floc layer consisting of soft, fluffy mud; no shells; overlies sticky, dark greenish gray (5 GY 4/1) and olive gray (5 Y 4/1) mud, neither firm nor soft; a few Rangia, mostly disarticulated, 0.5-1.0 in. long; mottling associated with Rangia; worms and copepods; plant matter; no odor.
4	10	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, smooth mud; overlies soft, smooth, dark gray (N3) mud, uniform in texture; a few/some Rangia, mostly disarticulated, 0.5-1.0 in. long, present primarily at the top of this layer; very few shells below top; burrows; copepods; no odor.
5	15	Thin (0.5 cm), dark yellowish brown (10 YR 4/2) floc layer; overlies soft, smooth, medium dark gray (N4) mud; entire sample fluffy/mushy; a few shells; worm; no colonization; no odor; recent deposition from dike?
6	13	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2 cm of soupy mud; overlies smooth mud, firm at the bottom, mottled dark gray (N3) and dark yellowish brown (10 YR 4/2); some disarticulated Rangia, 0.5 in. long; no odor.
7	14	Shelly, floc layer consisting of 1-2 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, dark gray (N3) mud; some/ many Rangia at top of layer, mostly

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
7		disarticulated, 0.5-1.5 in. long; some Rangia at depth; worm; no odor.
8A	5	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1-2 cm of gritty, sandy mud; overlies gritty, dark gray (N3) sediment, variably sandy mud/muddy sand; a few Macoma and disarticulated Rangia; plant matter; no odor.
9	17	Shelly floc layer consisting of 2 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies uniform, dark gray (N3) mud, neither soft nor firm; small (0.5 in.), articulated Rangia at top of layer; a few Macoma at depth, 0.25-0.5 in. long; lots of burrows; no odor.
10	13	No floc layer; soft, watery, dark yellowish brown (10 YR 4/2) fine sand; articulated and disarticulated Rangia, 0.5-0.75 in. long; no odor.
11	13	No floc layer; clean, dark yellowish brown (10 YR 4/2) fine to very fine sand; a few articulated and disarticulated Rangia.
12	9	Shelly floc layer, indeterminate thickness, consisting of smooth, soupy, dark yellowish brown (10 YR 4/2) mud; overlies gritty, dark gray (N3), very fine sandy mud, firm at the bottom; a few/some disarticulated Rangia throughout, less than 1 in. long; shell fragments; crab; worms; plant matter; no odor; second and third grabs considerably less shelly than first.
13	7	Dark yellowish brown (10 YR 4/2) fine sand; a few Rangia, 0.5 in. long; shell fragments; copepods; heavy minerals.

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
14	11	Dark yellowish brown (10 YR 4/2) floc layer consisting of 4 cm of soft, fluffy mud; overlies dark gray (N3) mud, firmer than floc layer; a few articulated adult Rangia, 2 in. long, at top of layer; worms.
15	9	Floc layer consisting of 2 cm of soft, dark yellowish brown (10 YR 4/2) mud; overlies very soft, grayish black (N2) mud; some Rangia, mostly articulated, at top of layer; some unidentified small shells; burrows; plant matter; no odor.
16	9	Dark yellowish brown (10 YR 4/2) floc layer consisting of 3 cm of soft, mushy fine sandy mud; some/many articulated Rangia in floc layer, mostly adult; some juvenile Rangia, some disarticulated; floc overlies dark gray (N3) sandy mud; no odor.
17	8	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, soupy mud; overlies soft, smooth (no grit), lumpy, dark gray (N3) mud; many adult Rangia, mostly articulated, about 1.25 in. long, at top of dark gray layer; some unidentified shells there also.
18	8	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, smooth, soupy mud; no shells in floc; overlies soft, dark gray (N3) mud; articulated and disarticulated adult Rangia at top of layer, 1.25-1.5 in. long; burrows; no odor.
19	15	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2 cm of soft, smooth mud; overlies soft, smooth, dark gray (N3) and olive gray (5 Y 4/1) mud; many disarticulated Rangia at top of layer, 0.75 in. long; a few

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
19		Rangia at depth; worms; many burrows; no odor.
20	11	Dark yellowish brown (10 YR 4/2) floc layer consisting of 3-4 cm of soft, smooth, soupy mud; no shells in floc; overlies smooth, sticky, dark gray to grayish black (N2.5) mud, neither firm nor soft; disarticulated Rangia, mostly adult, at top of layer; worms; plant matter; no odor.
21B	11	No floc layer; dark yellowish brown (10 YR 4/2) fine sand; a few Rangia.
22	9	Thin floc layer, 0.5-1 cm thick, consisting of gritty, dark yellowish brown (10 YR 4/2) fine sandy mud; overlies medium gray to dark gray (N3.5) muddy sand; articulated juvenile Rangia at top of layer; shell fragments; no odor.
23	10	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1-2 cm of slightly gritty, soupy mud; overlies gritty, dark gray (N3) very fine sandy mud; some articulated Rangia, about 1 in. long, at top of layer; many shell fragments; many worms; plant matter; no odor.
24	15	Shelly floc layer of indeterminate thickness consisting of gritty, dark yellowish brown (10 YR 4/2) sandy mud; articulated and disarticulated adult Rangia, 0.5-1 in. long, at top of grab; floc overlies dark gray (N3) sandy mud or muddy sand; shell fragments; worms.
25	15	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1 cm of soft, smooth mud; overlies dark gray (N3) mud, neither firm nor soft, uniform in color and texture; some/many disarticulated Rangia at top of layer, 0.5-2 in. long; a few Macoma at depth; no odor.

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
26	13	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2 cm of soft, smooth mud; overlies a texturally uniform layer of soft, smooth mud, grading from dark gray (N3) at the top to medium dark gray (N4) at the bottom; many disarticulated Rangia at the top of the layer, 0.75-1.5 in. long; not many shells at depth; wood fragments, no odor.
27	13	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of very slightly gritty mud; overlies stiff, sticky, grayish black (N2) mud mottled with dark greenish gray (5 GY 4/1); mottling associated with burrows; a few/ some articulated and disarticulated Rangia at top of layer, 0.5-2 in. long; articulated Macoma, 0.5 in. long; burrows; no odor.
28	17	Very shelly floc layer of indeterminate thickness consisting of gritty, dark yellowish brown (10 YR 4/2) mud; overlies dark gray (N3) fine sandy mud; many Rangia, mostly disarticulated, throughout sample, 0.75-1 in. long; worms; no odor.
30	14	Thin floc layer, 0.5 cm thick, consisting of soft, soupy, dark yellowish brown (10 YR 4/2) mud; overlies lumpy, dark gray (N3) mud, neither firm nor soft; some/many Rangia, mostly disarticulated, at top of layer; a few Macoma at depth; shells mostly at surface; burrows at the bottom; no odor.
31	14	Floc layer consisting of 1 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies sticky, olive black (5 Y 2/1) mud, uniform in texture; many articulated Rangia, mostly adult, 0.5-1.5 in. long, at top of layer; a few Macoma; oyster shell fragments; no odor.

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
32	13	Floc layer consisting of 2-3 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies mottled medium dark gray (N4) and dark gray (N3) mud, neither soft nor firm; a few/some shells; Rangia at top of layer, mostly disarticulated, some articulated, 0.5-2 in. long; more Macoma, dead; oxidized burrows associated with Macoma; worm burrows; no odor.
33	15	Floc layer consisting of 2-3 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; no shells in floc; overlies very variably textured, sticky mud, mottled grayish black (N2) and black (N1) with some olive gray (5 Y 4/1); many Rangia at top of layer, mostly articulated, some disarticulated, 0.75-2 in. long; no odor.
34	16	Surface layer of soft, fluffy, watery mud, 5 cm thick, consisting of 0.5 cm of dark yellowish brown (10 YR 4/2) over dark greenish gray (5 GY 4/1); overlies mottled grayish black (N2), lumpy mud; a few dead and living Macoma; copepods; many burrows; no odor.
35	14	Floc layer consisting of 3-4 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies smooth, slippery, dark gray (N3) and olive gray (5 Y 4/1) mud, neither soft nor firm; many shells at top of layer - mostly articulated Rangia, 0.75 in. long; worms; no odor.
36	16	Dark yellowish brown (10 YR 4/2) floc layer consisting of 3-4 cm of soft, smooth mud; overlies smooth, sticky, dark gray (N3) mud, mottled with dark yellowish brown (10 YR 4/2) in burrows; a few Macoma; no odor.

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
40	9	Surface layer of soft, fluffy/mushy mud, 4 cm thick, consisting of 0.5 cm of dark yellowish brown (10 YR 4/2) over olive gray (5 Y 4/1); overlies soft mud grading from olive gray (5 Y 4/1) at the top to dark gray (N3) at depth; a few disarticulated Rangia, 1 in. long, at top of layer; some/many unidentified shells, 0.25 in. long, possibly juvenile Rangia; no odor.
41	11	Surface layer of very soft, fluffy/mushy mud, 5 cm thick, the top 0.5 cm of which is dark yellowish brown (10 YR 4/2); overlies soft, lumpy, dark gray (N3) mud; very few articulated Rangia at top of layer.
42	10	Thin floc layer, 0.5 cm thick, of smooth (no lumps), slightly gritty, dark yellowish brown (10 YR 4/2) mud; changes gradually to very soft, dark gray (N3) mud; many shell fragments at depth; burrows; no odor.
43	11	Surface layer of soft, fluffy/mushy mud, 4 cm thick, consisting of 1 cm of dark yellowish brown (10 YR 4/2) over dark greenish gray (5 G 4/1); overlies soft, lumpy dark gray (N3) mud, firmer than floc layer; many shell fragments; worms; burrows; no odor.
44	13	Thick (4-5 cm) floc layer consisting of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth, dark gray (N3) and grayish black (N2) mud; a few disarticulated Rangia, 1.5 in. long at top of layer; no odor.
45	11	Entire grab consists of very soft, mushy mud; difficult to distinguish floc from underlying layers; color grades from lighter at the top (medium dark to dark gray - N3.5) to darker at depth (dark gray to grayish black - N2.5), and is black (N1) around shells; likewise, texture

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
45		changes somewhat from top to bottom, becoming firmer and lumpier with depth; a few articulated and disarticulated Rangia at top of lumpy layer.
51	13	Thin (<1 cm) floc layer consisting of soft, soupy, dark yellowish brown (10 YR 4/2) mud; overlies mottled dark gray (N3) and grayish black (N2) fine to medium sandy mud; disarticulated adult Rangia throughout; 0.25 in. crab; lots of worms; smells like decomposing organisms; small grab.
52	15	Thick (5 cm) floc layer consisting of soft, soupy, dark yellowish brown (10 YR 4/2) and dark greenish gray (5 G 4/1) mud; overlies soft, gritty, dark gray (N3) fine sandy mud; some articulated and disarticulated Rangia at top of layer; plant matter.
53	15	Floc layer, 2-4 cm thick, of soft, dark yellowish brown (10 YR 4/2) mud; overlies soft, dark gray (N3) mud mottled with dark yellowish brown (10 YR 4/2), uniform in texture; small Rangia occur in pockets at top of layer.
58	14	Oyster bar.
59	13	Oyster bar.
60	18	Thin (1 cm) floc layer consisting of dark yellowish brown (10 YR 4/2) mud; some/many Rangia, mostly disarticulated, in floc layer; overlies very lumpy, soft, dark gray (N3) mud with some grayish black (N2); Rangia at top of layer; no odor.
61	18	Thin (<1 cm) floc layer consisting of soft, soupy, dark yellowish brown (10 YR 4/2) mud;

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
61		Rangia, mostly disarticulated, in floc layer, 1 in. long; overlies soft, dark gray (N3) mud, uniform in texture; very small Macoma at depth; no odor; from dike(?).
63	17	Thin (0.5 cm) floc layer consisting of soft, slightly gritty, dark yellowish brown (10 YR 4/2) mud; overlies soft, mushy, very creamy, dark greenish gray (5 G 4/1) mud; a few very small, disarticulated Rangia at top of layer; from dike(?).
64	19	Shelly floc layer consisting of 1 cm of soft, dark yellowish brown (10 YR 4/2) mud; overlies soft, lumpy, dark gray (N3) mud; many disarticulated Rangia, <1 in. long, in floc and top of underlying layer; burrows; no odor.
65	15	Very shelly floc layer consisting of 1 cm of soft, soupy, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth, dark gray (N3) mud; disarticulated Rangia, 0.5-0.75 in. long; Macoma at depth; most shells on top; worms; no odor.
67	15	Shelly floc layer, consisting of 1 cm of soft, smooth, soupy, dark yellowish brown (10 YR 4/2) mud; overlies soft, greenish black (5 GY 2/1) and olive gray (5 Y 4/1) mud; many disarticulated Rangia at top of grab, 0.75-1 in. long; shells very scarce at depth; worms; burrows; no odor.
69	14	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1-2 cm of soft, soupy mud; overlies dark gray (N3) mud, neither soft nor firm; Rangia near top of layer, 0.5-1 in. long; smaller Rangia are disarticulated, larger ones are articulated; 1-in. long crab; wood fragments; no odor.

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
70	16	Shelly floc layer consisting of 1-2 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, dark gray (N3) mud, neither firm nor soft; disarticulated Rangia in floc layer; Macoma; some burrows; plant matter; no odor.
71	16	Floc layer consisting of 1-2 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth, dark gray (N3) mud, uniform in texture and color; many disarticulated Rangia, 0.75 in. or smaller in length, at top of layer; a few Macoma at depth; burrows.
80	15	Thin (<0.5 cm) floc layer consisting of soft, smooth, watery, dark yellowish brown (10 YR 4/2) mud; overlies firmer soft, smooth mud, mottled dark gray (N3), dark gray to grayish black (N2.5), and olive gray (5 Y 4/1), uniform in texture; Rangia at top of layer, 0.5-2 in. long, mostly disarticulated; a few Macoma and Rangia at depth; shells occur in pockets; no odor.
85	8	No floc layer; soft, wet/watery, dusky yellowish brown (10 YR 2/2) very fine to fine muddy sand; a few Rangia, 0.5-2 in. long, mostly articulated; shell fragments; no odor.
87	14	Thin (<1 cm) floc layer consisting of gritty, dark yellowish brown (10 YR 4/2) mud; overlies very stiff, cohesive, dark gray (N3) mud; a few/some disarticulated Rangia, 0.75-1 in. long, at top of layer; disarticulated adult Macoma; oyster shell fragments; no odor.
95	11	Grab consists largely of very soft, mushy mud; firmer toward bottom; pocket of mud, cottage cheesy in texture; top 0.5 cm is dark

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
95		yellowish brown (10 YR 4/2), underlying layer is medium dark gray (N4) and dark gray (N3); a few Rangia at top.
98	13	Entire grab consists of very soft, mushy mud, uniform in texture; thin (<1 cm) layer at top is dark yellowish brown (10 YR 4/2), underlying layer is dark gray (N3); very few Rangia and Macoma; worm; plant matter; from dike(?).
BC1	12	Thin (0.5 cm) floc layer consisting of watery, dark yellowish brown (10 YR 4/2) mud; overlies stiff, creamy medium dark gray (N4) mud; very few Rangia at bottom of grab - not many shells below top of layer; wood fragments; fluid mud layer.
BC2	14	Thin (0.5 cm) floc layer consisting of soupy, watery, dark yellowish brown (10 YR 4/2) mud; overlies mottled dark gray (N3) and grayish black (N2) mud, neither soft nor firm; many Rangia at top of layer, 0.75-1 in. long; smaller are disarticulated; a few Macoma at depth; no odor.
BC3	12	Floc layer consisting of 1 cm of soft, soupy, dark yellowish brown (10 YR 4/2) mud; overlies cohesive, dark gray (N3) mud, uniform in color and texture; a few/some small, disarticulated Rangia at top of layer.
BC4	16	Floc layer consisting of 3 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; a few Rangia in floc layer; overlies slightly lumpy, dark gray (N3) mud; a few Rangia at top of layer, some with barnacles; oyster shell fragments; no odor.
BC5	14	Floc layer consisting of 4-5 cm of soft,

Table 1-2 (con't): Field descriptions - surficial sediment samples collected on November 20, 1991 (Cruise 26)

Station number	Water depth (ft.)	Description
BC5		soupy, dark yellowish brown (10 YR 4/2) mud; overlies smooth mud, mottled dark gray (N3) and dark gray to grayish black (N2.5); a few articulated Rangia, 0.75-1 in. long, at top of layer; a few Macoma; worms; burrows.
BC6	9	Floc layer consisting of 3-4 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth (no grit), slightly lumpy, dark gray (N3) and olive gray (5 Y 4/1) mud; some articulated adult Rangia at top of layer, 1.25-1.5 in. long; a few Macoma, some disarticulated.
BC7	8	Floc layer consisting of 2-3 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth, dark gray (N3) mud, uniform in color and texture; very few Rangia and Macoma; worms; copepods; plant matter; no odor.

Table 1-3: Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
2	5	No floc layer; clean, dark yellowish brown (10 YR 4/2) fine sand; a few Rangia cuneata, 0.75-2+ in. long; live amphipod (Leptocheirus plumulosus(?); unspecified odor.
3	13	Thin floc layer (<1 cm) of gritty, dark yellowish brown (10 YR 4/2) fine sandy mud; overlies mottled dark gray (N3) and grayish black (N2) muddy fine sand; a few disarticulated Rangia, 1.5 in. long; shell fragments; no odor.
4	11	Floc layer consisting of 3+ cm of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; grades into soft, smooth, greenish gray (5 GY 6/1) and dark gray (N3) mud, same consistency as that of floc layer; very few disarticulated adult Rangia; patch of plant matter; many burrows; from dike?.
5	16	Floc layer, 3-4 cm thick, of soft, smooth, fluffy mud, grading from dark yellowish brown (10 YR 4/2) to greenish gray (5 GY 6/1); no shells in floc layer; overlies creamy, cohesive, dark greenish gray (5 GY 4/1) mud, consistency similar to that of fluid mud layer; a few Rangia, occur in patches/pockets; no odor; similar to sample 4; from dike(?) - lack of shells, not mixed, soft texture.
6	15	Thin (<1 cm) floc layer consisting of soupy, dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), lumpy, grayish black (N2) mud; many disarticulated adult Rangia at top of grab; no shells in bottom; some burrows; no odor.
7	16	Floc layer consisting of 1 cm of smooth, soupy, dark yellowish brown (10 YR 4/2) mud; overlies dark gray to grayish black (N2.5)

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
7		mud, neither soft nor firm; many articulated Rangia, 0.75 in. long, at top of grab; a few Macoma; no odor.
8A	14	Thin layer of gritty, fine to medium sand; overlies creamy, orange/pink sediment typical of fluid mud layer deposited during dike construction; not recolonized; a few disarticulated Rangia; fluid mud layer immediately below floc layer - recolonized section scoured off(?).
9	17	Thin (<1 cm) floc layer consisting of slightly gritty, dark yellowish brown (10 YR 4/2) mud; overlies smooth, grayish black (N2) mud; some/many disarticulated Rangia, 0.5 in. long, at top of grab; a few disarticulated Macoma, 0.5-0.75 in. long; burrows, some oxidized; worms; no odor.
10	14	No floc layer; clean, dark yellowish brown (10 yr 4/2) fine sand; mostly disarticulated Rangia, 1 in. long; no tubes or burrows.
11	14	Floc layer, 1 cm thick, of gritty, dark yellowish brown (10 YR 4/2) medium sandy mud; overlies dark yellowish brown (10 YR 4/2) muddy medium sand; very few small Rangia; a few/some shell fragments; no odor; third grab at this station contains more shells than first two grabs.
12	10	No floc layer; muddy fine sand grading from dark yellowish brown (10 YR 4/2) to dark greenish gray (5 G 4/1); many Rangia shells; oyster shells; pulled up three grabs - only sampled first one, others all shell.
13	7	No floc layer; clean, dark yellowish brown (10 YR 4/2) medium sand; Rangia, mostly

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
13		disarticulated; no tubes or burrows; heavy minerals; no odor.
14	12	Floc layer consisting of 4 cm of soft, fluffy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies very smooth, soft, dark gray to grayish black (N2.5) mud; few articulated adult Rangia; not very many shells; worms; some oxidized burrows; whole sample may have been recently redeposited - soft sediment and lack of shells.
15	10	Dark yellowish brown (10 YR 4/2) floc layer, 1 cm thick; overlies soft, sticky, dark gray (N3) mud, uniform in texture; some/many disarticulated Rangia, 1.5 in. long, at top of grab; not many shells at depth.
16	9	Thin (<1 cm) floc layer consisting of gritty, dark yellowish brown (10 YR 4/2) fine to medium sandy mud; overlies dark gray to grayish black (N2.5) fine sandy mud, mottled with olive gray (5 Y 4/1) - associated with burrows; a few/some adult Rangia, mostly disarticulated, concentrated at top of layer; a few shells at depth; worms; burrows; no odor.
17	9	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of slightly gritty, fluffy, soupy mud; overlies lumpy mud, dark gray (N3), dark yellowish brown (10 YR 4/2), and olive gray (5 Y 4/1) in color; some articulated adult Rangia; many small worms at depth; Leptocheirus(?) emerging from tube; no odor.
18	8	Floc layer, 2-3 cm thick, consisting of smooth, fluffy, soupy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer;

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
18		overlies sticky, cohesive, dark gray (N3) mud mottled with olive gray (5 Y 4/1); some disarticulated and articulated adult Rangia at top of layer; many oxidized burrows, worms; no odor.
19	16	Floc layer consisting of 1 cm of smooth, soupy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies soft mud, mottled grayish black (N2) and olive gray (5 Y 4/1); a few/some articulated and disarticulated Rangia, 1 in. long; some oxidized burrows; no odor.
20	13	Dark yellowish brown (10 YR 4/2) floc layer, 2-3 cm thick, consisting of smooth, soupy/watery mud; no shells in floc layer; overlies smooth (no grit), medium dark gray to dark gray (N3.5) mud, mottled with grayish black (N2) and dark yellowish brown (10 YR 4/2); a few articulated Rangia, <1 in. long, and larger, disarticulated Rangia, 1.25 in. long; twig; no odor.
21B	12	No floc layer; dark yellowish brown (10 YR 4/2) slightly muddy medium sand; Rangia, mostly disarticulated, 0.5 in. long; isopods; no odor.
22	9	Thin (<1 cm), dark yellowish brown (10 YR 4/2) floc layer consisting of soft, soupy, gritty, fine to medium sandy mud; overlies differently colored bands of muddy fine to medium sand, from top to bottom - 2 cm of dark yellowish brown (10 YR 4/2), 4 cm of medium dark gray (N4), grayish black (N2) band of indeterminate width; a few/some Rangia at top of layer; twigs and plant matter at bottom of grab; no odor.

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
23	10	Floc layer consisting of 2 cm of slightly gritty, dark yellowish brown (10 YR 4/2) mud; overlies soft, gritty, dark gray (N3) mud, mottled with dark yellowish brown (10 YR 4/2); grittiness may be due either to sand grains or to shell hash; a few articulated adult Rangia at top of layer; a lot of worms; no odor; description of grab 1; trace metal and grain size samples collected from grab 2; organics samples collected from grabs 1 and 2.
24	17	Shelly floc layer consisting of 1 cm of slightly gritty, dark yellowish brown (10 YR 4/2) mud; many disarticulated Rangia, 0.5-2 in. long, in floc layer; overlies dark gray to grayish black (N2.5) fine to medium sandy mud; shell hash; worms; smells like dead clams; description of grab 2; grab 1 had no shells on top, contained a lot of mushy mud, recently deposited?; organics samples from grab 1.
25	17	Thin (<1 cm) floc layer consisting of watery, dark yellowish brown (10 YR 4/2) mud; overlies soft, cohesive, grayish black (N2) mud, uniform in color and texture; some disarticulated Rangia, 1 in. long, at top of layer; not many shells other than these; description of grab 3.
26	15	Floc layer consisting of 1-2 cm of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies creamy, cohesive greenish gray to dark greenish gray (5 GY 5/1) mud, like fluid mud layer in consistency, but not in color (no pink/orange); many Rangia, 0.5-1 in. long, at top of layer ; no odor.
27	14	Floc layer, 1-2 cm thick, consisting of gritty, watery, dark yellowish brown (10 YR 4/2) mud; a few disarticulated Rangia, 1.5 in.

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
27		long, in floc layer; overlies cohesive, grayish black (N2) mud; one live Macoma; worms; a few oxidized burrows; twigs; no odor.
28	18	Thin (<1 cm), shelly floc layer consisting of gritty, soupy, dark yellowish brown (10 YR 4/2) mud; many disarticulated Rangia, 0.5-2 in. long, in floc layer; overlies grayish black (N2) fine sandy mud; shell fragments; worms; a few oxidized worm burrows; description of grab 1; organics samples from grab 2; trace metal and grain size samples from grabs 1-3.
30	16	Floc layer consisting of 2-3 cm of smooth/fluffy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies smooth, dark gray to grayish black (N2.5) mud, neither soft nor firm; some/many Rangia at top of layer; organics sample is composite of both grabs.
31	16	Oyster bar.
32	15	Floc layer of indeterminate thickness, consisting of smooth, soupy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies smooth, medium dark gray to grayish black (N2.5) mud, mottled with dark yellowish brown (10 YR 4/2) and olive gray (5 Y 4/1) streaks in burrows; disarticulated juvenile Rangia, 0.5 in. long, at top of layer; a few/some Macoma, 1 in. long; some worms; amphipod - L. plumulosus?; a few burrows; no odor.
33	16	Floc layer consisting of 2-3 cm of lumpy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies soft, lumpy, dark gray (N3) mud, the upper 2 in. of which

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
33		are very shelly; some oyster and Rangia shells; no odor.
34	18	Floc layer consisting of 2 cm of smooth, soupy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies lumpy mud, mottled grayish black (N2), dark gray (N3), dark yellowish brown (10 YR 4/2), and dark greenish gray (5 GY 4/1), uniform in texture; some disarticulated Macoma, 0.75 in. long; not very many shells; a few oxidized Macoma burrows; smells like sewage and dead clams.
35	16	Thin (<1 cm) floc layer consisting of smooth, watery, dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), lumpy, cohesive mud, primarily grayish black (N2) with some olive gray (5 Y 4/1); many Rangia, 0.5-1.5 in. long, at top of layer; a few Macoma; smells like dead clams.
36	18	Floc layer, 2 cm thick, consisting of smooth, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies smooth mud streaked grayish black (N2) and olive gray (5 Y 4/1), with dark yellowish brown (10 YR 4/2) fingering down from floc layer, neither firm nor soft; a few live Macoma; worms; oxidized Macoma burrows; organics samples from grab 1 only; trace metal and grain size samples from grab 2 only.
40	10	Thin (<0.5 cm) floc layer consisting of soft, smooth, dark yellowish brown (10 YR 4/2) mud grading into 3 cm of olive gray (5 Y 4/1) mud of the same texture; overlies soft, smooth, dark gray to grayish black (N2.5) mud; a few articulated and disarticulated adult Rangia at top of layer; very few small shells within layer; burrows.

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
41	11	Thin (0.5 cm) floc layer consisting of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud grading into 2 cm of olive gray (5 Y 4/1) mud of the same texture; overlies soft, smooth, fluffy, dark gray (N3) mud, firmer than floc layer; a few articulated adult Rangia at top of layer; entire grab mushy.
42	10	Oyster bar. Sandy mud, grading from dark yellowish brown (10 YR 4/2) to dark gray (N3); Rangia; one trace metal sample collected.
43	12	Floc layer consisting of 2-3 cm of soft, smooth fluffy, dark yellowish brown (10 YR 4/2) and dark greenish gray (5 G 4/1) mud; overlies smooth (no grit), lumpy, dark gray to grayish black (N2.5) mud; some/many articulated Rangia, <1 in. long, at top of layer; a lot of burrows; no odor.
44	13	Thin (0.5 cm) floc layer consisting of soft, fluffy, dark yellowish brown (10 YR 4/2) mud grading into 2-3 cm of dark greenish gray (5 GY 4/1) mud of the same texture; overlies soft, smooth (no grit), lumpy, grayish black (N2) mud; articulated and disarticulated adult Rangia at top of layer; a lot of burrows; no odor.
45	12	Thin (<1 cm) floc layer consisting of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies 3-5 cm of smooth, slick, creamy, dark greenish gray (5 G 4/1) mud; very few articulated adult Rangia at top of layer; burrows at bottom of layer; overlies firmer, cohesive, lumpy, dark gray to grayish black (N2.5) mud; no odor.
51	14	Thin (<1 cm), shelly floc layer consisting of dark yellowish brown (10 YR 4/2) very fine

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
51		sandy mud; some/many disarticulated Rangia, 1.5 in. long, in floc layer; overlies grayish black (N2) sandy mud or muddy sand with dark yellowish brown (10 YR 4/2) burrows; a few shells within layer; worms.
52	13	Oyster bar. No sample.
53	16	Floc layer, 2-3 cm thick, consisting of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; a few articulated and disarticulated Rangia in floc layer; overlies smooth, cohesive, dark gray to grayish black (N2.5) mud; oxidized burrows, different in color from rest of layer; no odor.
58	15	Oyster bar. All shells; one crab. No sample.
59	13	Oyster bar. No sample.
60	19	Floc layer, 1-2 cm thick, consisting of smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth (no grit), lumpy, dark gray to grayish black (N2.5) mud; some disarticulated Rangia at top of layer; Macoma at bottom; no burrows; no odor; creamy texture - recently deposited(?).
61	18	Floc layer consisting of 1-2 cm of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth (no lumps), dark gray to grayish black (N2.5) mud mottled with dark greenish gray (5 G 4/1) or olive gray (5 Y 4/1); many Rangia at top of layer, mostly disarticulated, 0.5-2 in. long; some Macoma; oyster shells; worms; oxidized burrows; no odor.
63	18	Floc layer, 1 cm thick, consisting of gritty, medium sandy mud; lots of shell fragments in

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
63		floc layer; overlies soft, smooth, creamy, dark greenish gray (5 G 4/1) or olive gray (5 Y 4/1) mud; a lot of shells 3 cm from the top; abrupt transition from floc layer to underlying layer.
64	20	Floc layer, 1 cm thick, consisting of smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies 2 cm of soft, smooth, slick, creamy, greenish black (5 G 2/1) mud; disarticulated Rangia at top of layer, 0.75-1 in. long; overlies dark gray to grayish black (N2.5) mud; one worm; no odor.
65	16	Floc layer consisting of 2-3 cm of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth dark gray to grayish black (N2.5) mud; Rangia, mostly disarticulated, 0.5-1.5 in. long, at top of layer; worms, wood fragments at top of layer; mottled gray burrows at bottom; no odor.
67	16	Floc layer consisting of 2 cm of smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth mud, changing from dark greenish gray (5 G 4/1) at the top to dark gray to grayish black (N2.5); Rangia, mostly disarticulated, 0.75-1 in. long, at top of layer; articulated Macoma, 0.75 in. long; a lot of burrows; no odor.
69	16	Floc layer, 1 cm thick, consisting of smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies soft mud, mottled grayish black (N2) and olive black (5 Y 2/1); some disarticulated Rangia, 1 in. long or shorter, at top of layer; a few shells at depth; some burrows; no odor.
70	18	Floc layer, 1 cm thick, consisting of soupy,

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
70		dark yellowish brown (10 YR 4/2) mud; overlies soft, dark gray to grayish black (N2.5) mud; many disarticulated Rangia, 0.75 in. long, at top of layer; a few disarticulated Macoma, 0.75 in. long; a few burrows; no odor; description of grab 3.
71	17	Floc layer consisting of 1-2 cm of soft, soupy, dark yellowish brown (10 YR 4/2) mud; overlies soft, slightly lumpy, dark gray (N3) mud mottled with olive gray (5 Y 4/1); many disarticulated Rangia, most about 1 in. long, though up to 2 in. long, at top of layer; a few juvenile Rangia; no odor.
80	17	Floc layer of indeterminate thickness consisting of soft, smooth, fluffy, soupy, dark yellowish brown (10 YR 4/2) mud; no shells in floc layer; overlies very soft mud, mottled olive gray (5 Y 4/1) and dark gray (N3), with dark yellowish brown (10 YR 4/2) in burrows; many disarticulated Rangia, most about 1 in. long, though up to 2 in. long, at top of layer; a few dead Macoma; no odor.
85	9	Floc layer of indeterminate thickness consisting of gritty, dark yellowish brown (10 YR 4/2) mud; overlies soft, gritty, dark yellowish brown (10 YR 4/2) medium to fine sandy mud or muddy sand; a few articulated and disarticulated Rangia, 0.5-1.25 in. long; no odor.
87	15	Thin (<1 cm) floc layer consisting of slightly gritty, dark yellowish brown (10 YR 4/2) mud; many Rangia, mostly disarticulated, 1-2 in. long, in floc layer; overlies smooth, variably cohesive mud, mottled brownish black (5 YR 2/1), olive black (5 Y 2/1), grayish black (N2), and dark yellowish brown (10 YR 4/2); a

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
87		few worms; a few broken oyster shells; a few Macoma; no odor.
95	12	Floc layer of indeterminate thickness consisting of smooth, slick, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies dark greenish gray (5 G 4/1) mud of same texture; very few disarticulated adult Rangia; unspecified odor; whole grab fluffy.
98	14	Floc layer, 3-5 cm thick, consisting of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud grading into dark greenish gray (5 G 4/1); overlies soft, dark gray to grayish black (N2.5) mud, firmer than floc; a few Rangia, some juveniles, at top of layer; no tubes or burrows.
BC3	14	Floc layer, 4+ cm thick, consisting of soft, fluffy, pudding-like, dark yellowish brown (10 YR 4/2) mud grading into an olive or greenish gray; a few shell fragments in floc layer; overlies soft, grayish black (N2) mud; not many shells; no odor; collected 3 grabs; organics sample from top of grab 2.
BC4	17	Floc layer consisting of 1-2 cm of dark yellowish brown (10 YR 4/2), mud; overlies very soft, dark gray (N3) mud; very many disarticulated Rangia, 0.5-1.5 in. long, at top of layer; very few disarticulated Macoma; some broken oyster shells; some oxidized burrows; no odor.
BC6	10	Floc layer consisting of 3+ cm of smooth, fluffy, pudding-like, dark yellowish brown (10 YR 4/2) mud; overlies mottled olive gray (5 Y 4/1) and dark gray (N3), nondescript mud; some articulated and disarticulated Rangia, 1.25 in. long at top of layer; worms; many oxidized

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on April 9-10, 1992 (Cruise 27)

Station number	Water depth (ft.)	Description
BC6		burrows; wood fragments; twigs; no odor; description from grab 2; organics sample from grab 1.

Table 1-4: Wentworth size nomenclature*

Diameter (mm)	Phi (ϕ)	Wentworth size class	
> 2.00	< -1.0	gravel	gravel
1.00 to 2.00	0.0 to -1.0	very coarse sand	
0.50 to 1.00	1.0 to 0.0	coarse sand	
0.25 to 0.50	2.0 to 1.0	medium sand	sand
0.125 to 0.25	3.0 to 2.0	fine sand	
0.0625 to 0.125	4.0 to 3.0	very fine sand	
0.0039 to 0.0625	8.0 to 4.0	silt	mud
< 0.0039	> 8.0	clay	

* from Folk (1974)

Table 2-1: Distance and elevation data for Hart-Miller Island beach profiles, May 2 & 8, 1991

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/2/91	21+75	1	223	5.59
		2	309	2.40
		3	327	0.09
	24+00	1	214	4.39
		2	252	1.80
		3	280	-0.09
	28+00	1	170	5.39
		2	218	2.11
		3	236	0.14
5/8/91	30+00	1	148	6.65
		2	188	3.58
		3	188	2.88
		4	208	0.72
		5	252	-0.79
	32+00	1	143	9.06
		2	144	8.98
		3	148	7.54
		4	188	3.37
		5	190.	2.51
		6	204	0.94
		7	266	-0.82
	36+00	1	172	7.21
		2	174	6.52
		3	208	3.51
		4	208	2.90
		5	224	0.97
		6	280	-0.81
5/8/91	40+00	1	176	7.11
		2	212	3.21
		3	214	2.76
		4	228	1.39
		5	274	-0.64

Table 2-1 (con't): Distance and elevation data for Hart-Miller Island beach profiles, May 2 & 8, 1991

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/8/91	44+00	1	142	7.76
		2	182	3.87
		3	182	2.49
		4	192	1.41
		5	238	-0.77
	48+00	1	116	9.19
		2	166	4.76
		3	168	2.67
		4	178	1.43
		5	222	-0.70
	49+00	1	128	8.63
		2	140	7.23
		3	179	4.29
		4	181	2.77
		5	193	1.31
		6	233	-0.69

* from center line (CL) of dike roadway

** mean low water (MLW) datum

Table 2-2: Distance and elevation data for Hart-Miller Island beach profiles, May 20-21 and June 10, 1992

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/20/92	21+75	1	282	2.93
		2	292	1.99
		3	301	2.30
		4	310	2.37
		5	326	0.37
		6	342	-1.03
6/10/92	24+00	1	214	4.39
		1a	230	3.70
		2	251	2.785
		3	285	0.085
		4	335	-0.935
5/20/92	28+00	Stake	170	5.39
		1	195	4.17
		2	197	3.12
		3	215	2.285
		4	223	1.43
		5	227	0.81
		6	249	-0.79
	30+00	Stake	146	-
		2	175	4.89
		3	178	3.09
		4	198	2.34
		5	210	1.17
		6	220	-0.17
		7	242	-0.87
	32+00	Stake	143	9.06
		1	172	5.155
		2	172.5	3.51
		3	188	2.555
		4	196	1.685
		5	206	0.365
		6	224	-0.625
	36+00	Stake	174	6.52
		1	190	5.07
		2	192	3.45
		3	214	2.32
		4	224	1.36

Table 2-2 (con't): Distance and elevation data for Hart-Miller Island beach profiles, May 20-21 and June 10, 1992

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/20/92	36+00	5	234	-0.06
		6	250	-0.87
5/21/92	40+00	Stake	164	8.165
		1	195	5.135
		2	198	3.305
		3	213	1.935
		4	229	2.295
		5	241	1.085
		6	250	-0.205
		7	283	-0.845
	44+00	Stake	140	8.475
		1	169	5.87
		2	174	3.05
		3	194	2.315
		4	204	1.015
		5	212	-0.175
		6	244	-1.115
	48+00	Stake	104	12.30
		1	149	6.625
		2	153	3.12
		3	170	1.32
		4	178	0.32
		5	210	-0.88
	49+00	Stake	128	8.63
		2	157	5.95
		3	162	2.99
		4	168	2.50
		5	174	1.54
		6	182	0.45
		7	210	-0.72

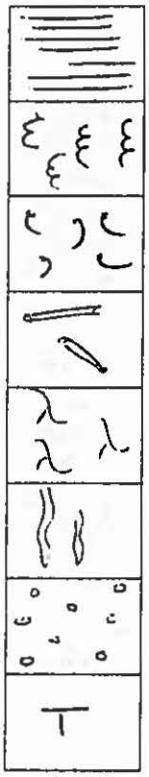
* from center line (CL) of dike roadway

** mean low water (MLW) datum

APPENDIX A

Visual and radiographic observations of gravity cores collected on April 9, 1992 (Cruise 27).

LEGEND



laminated

bioturbated

shells

wood fragments

plant matter

burrow

gas bubbles

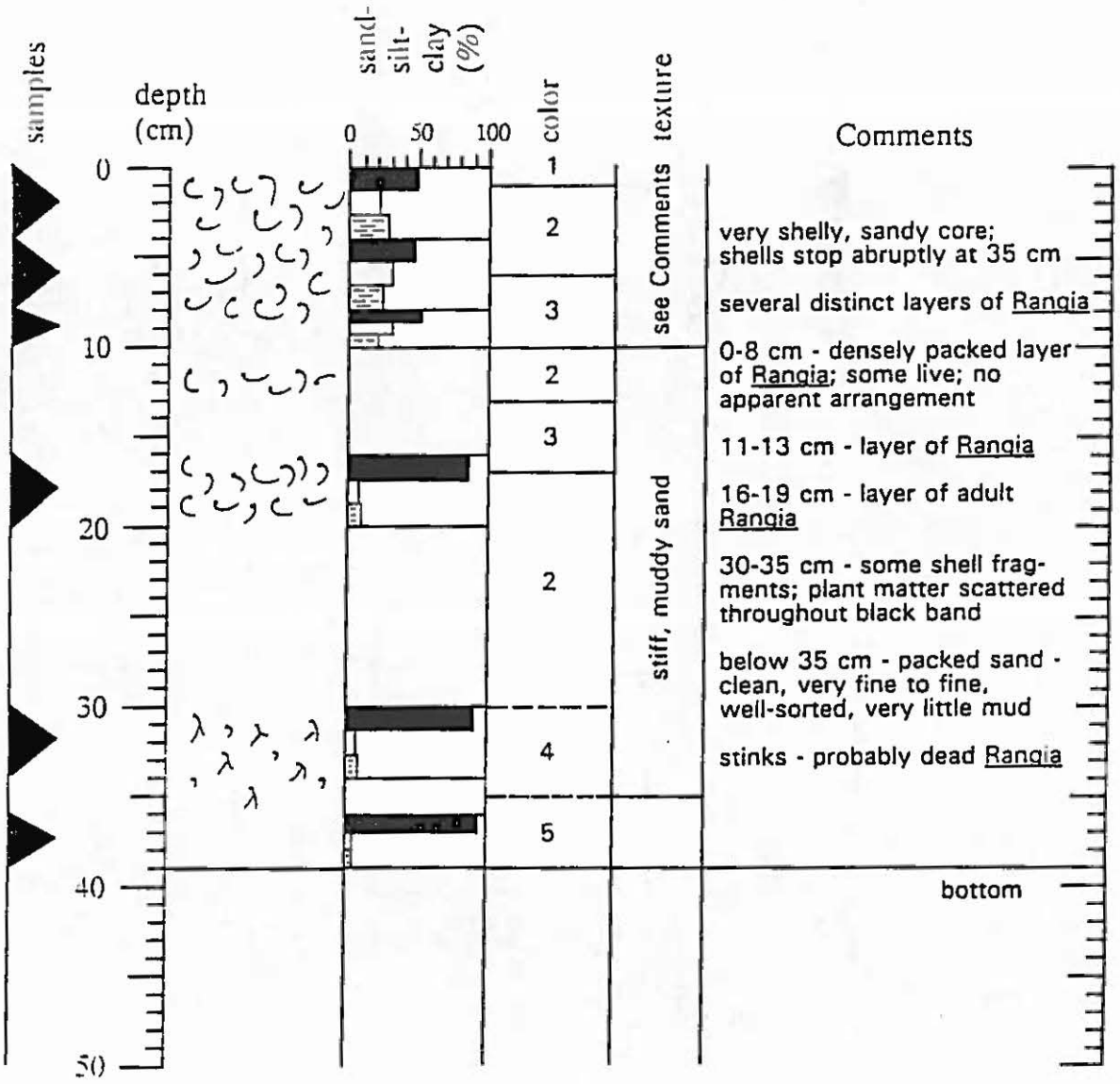
transitional in color or texture

sand

silt

clay

HART-MILLER ISLAND - 11th Year
Core 12 April 9, 1992

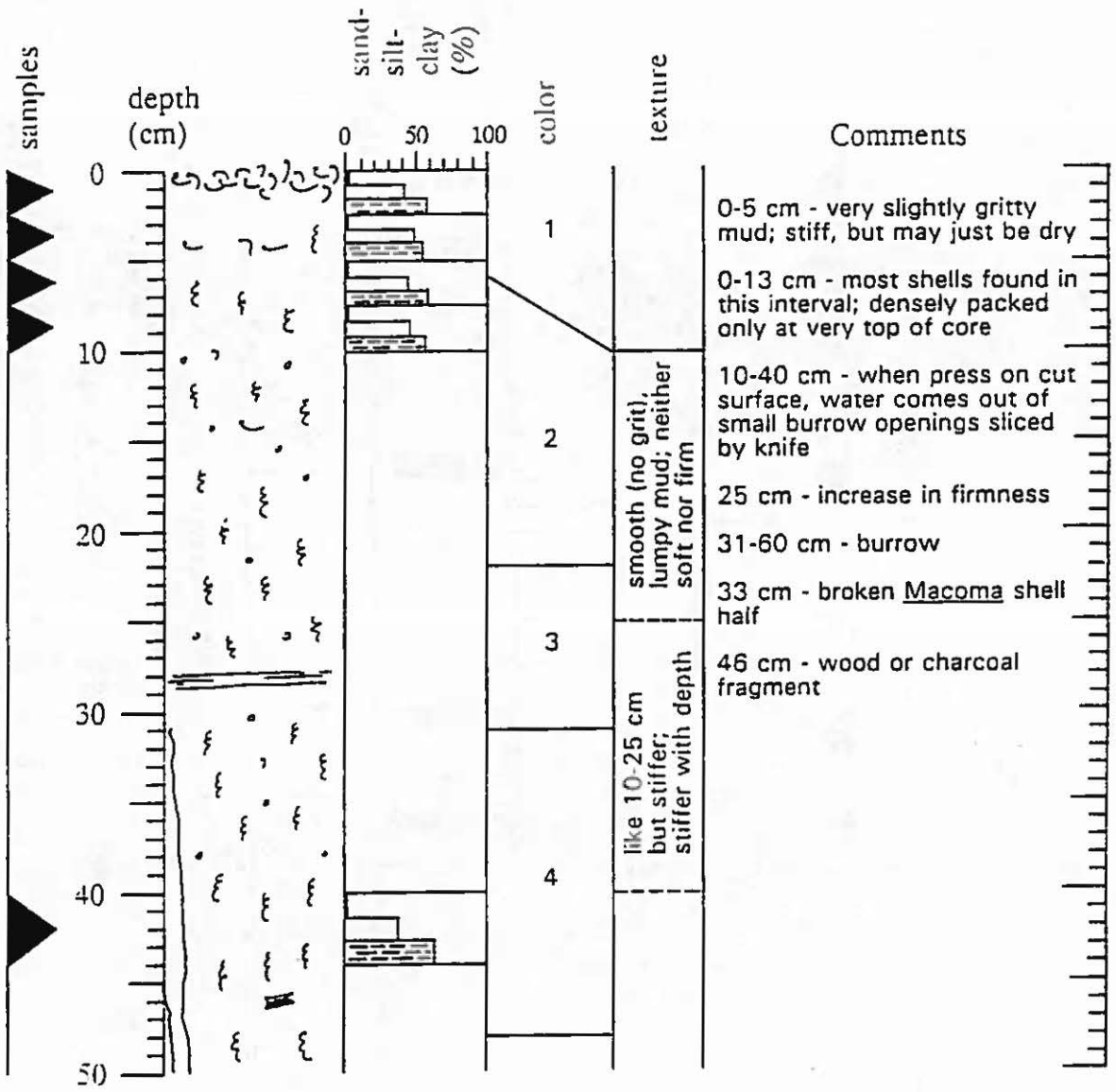


Comments

color bands
- (1) dark yellowish brown
- (2) grayish black
- (3) olive gray with some dark gray
- (4) black
- (5) mixture of olive gray and dark gray

texture of top 10 cm
- 0-4 cm - soft muddy sand; very shelly
- 4-8 cm - like top 4 cm, except muddier near bottom of interval
- 8-10 cm - like bottom of 4-8 cm interval - sandy mud; rather smooth except for grittiness of sand

HART-MILLER ISLAND - 11th Year
Core 25 April 9, 1992

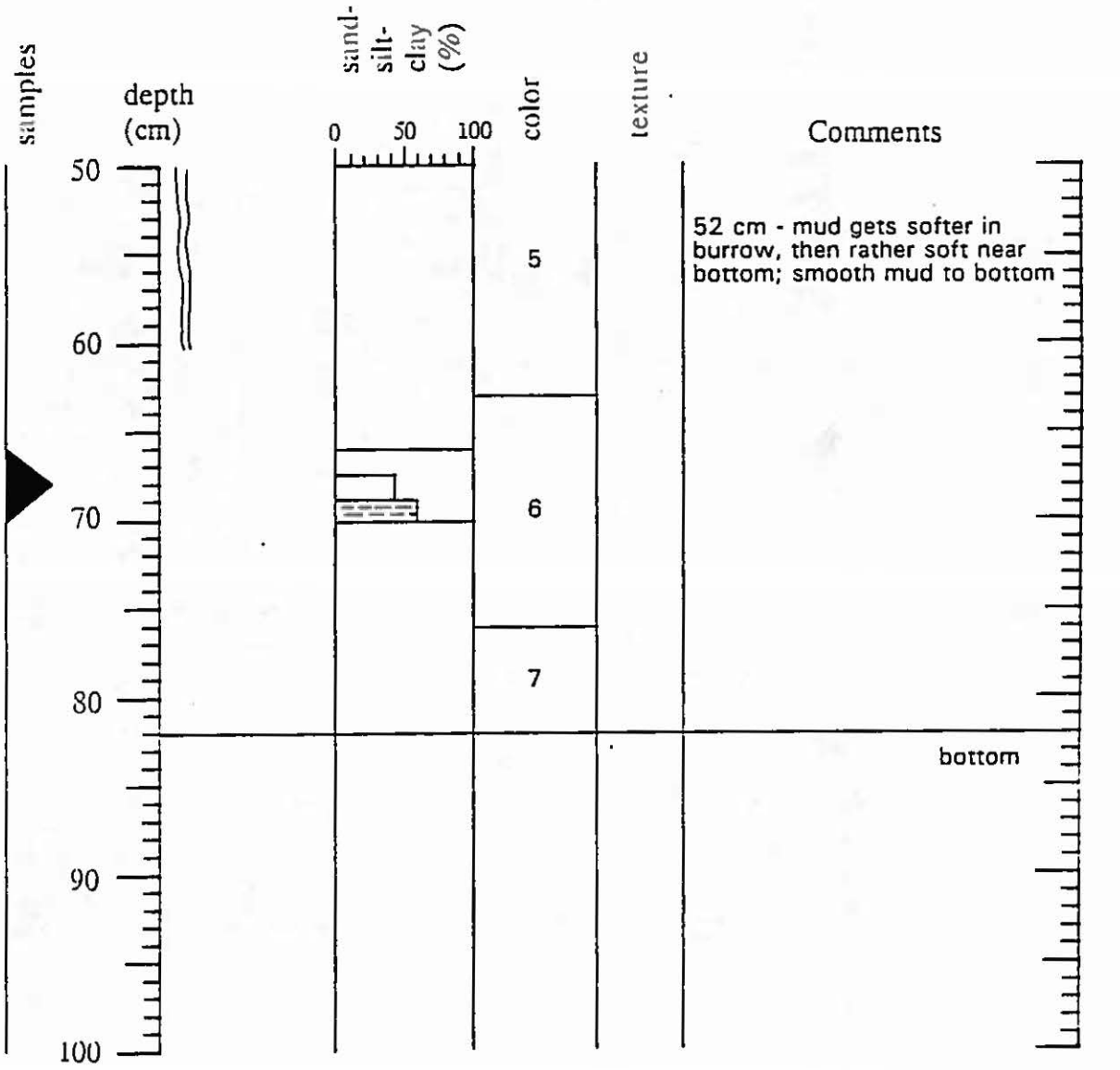


Comments color bands

(1) mostly grayish black with occasional blebs of olive gray
(2) olive gray and dark gray - mixed, no clear pattern
(3) olive gray and dark gray - some horizontal streaks
(4) olive gray and dark gray - vermiform mottling
(5) mostly olive gray with vertical streaks of dark gray
(6) mostly dark gray or medium dark gray with vertical streaks of olive gray
(7) olive gray

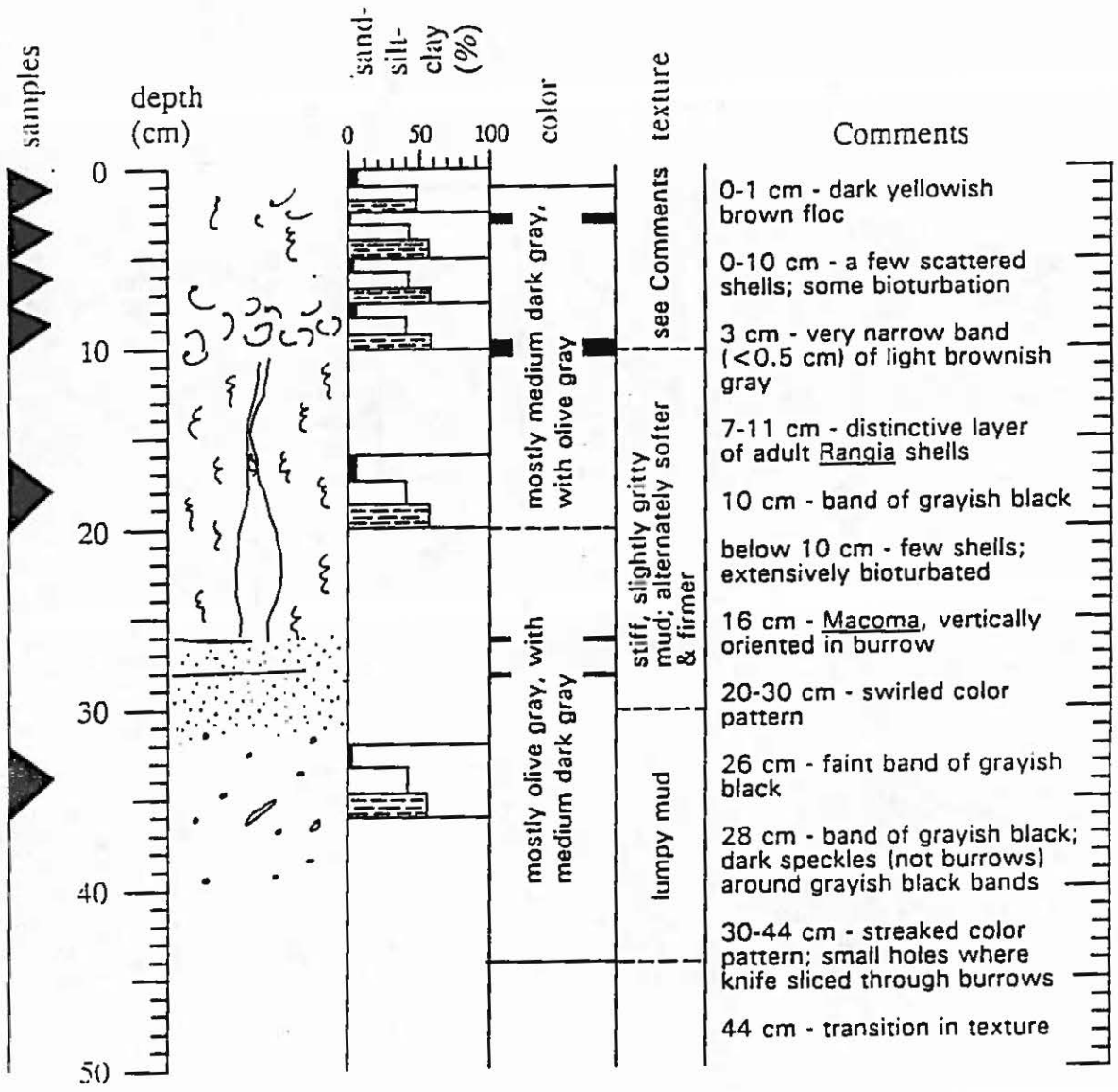
core probably dried out before water content done, especially 0-5 cm

HART-MILLER ISLAND - 11th Year
Core 25 April 9, 1992



Comments

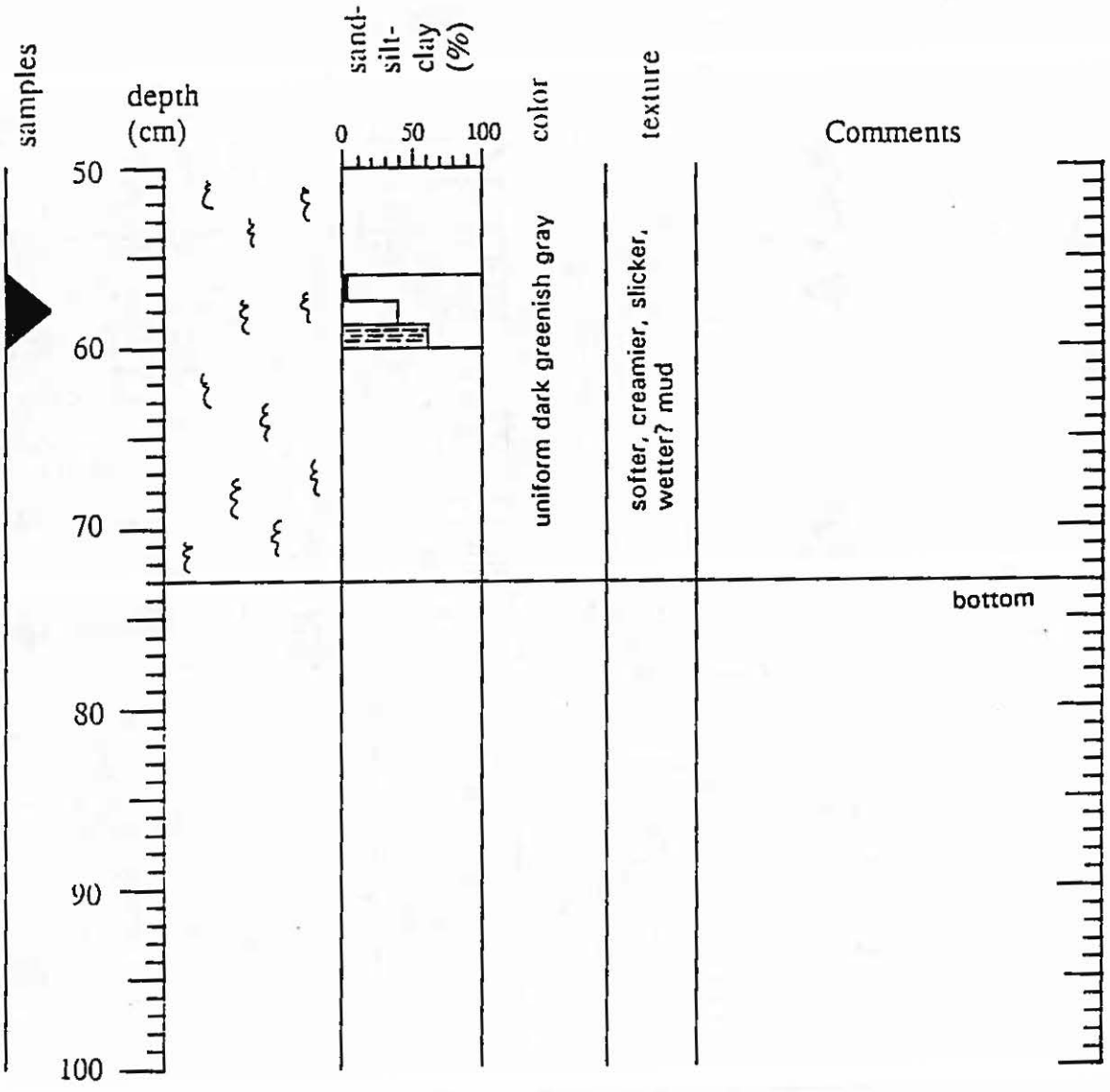
HART-MILLER ISLAND - 11th Year
Core BC1 April 9, 1992



Comments texture of top 10 cm

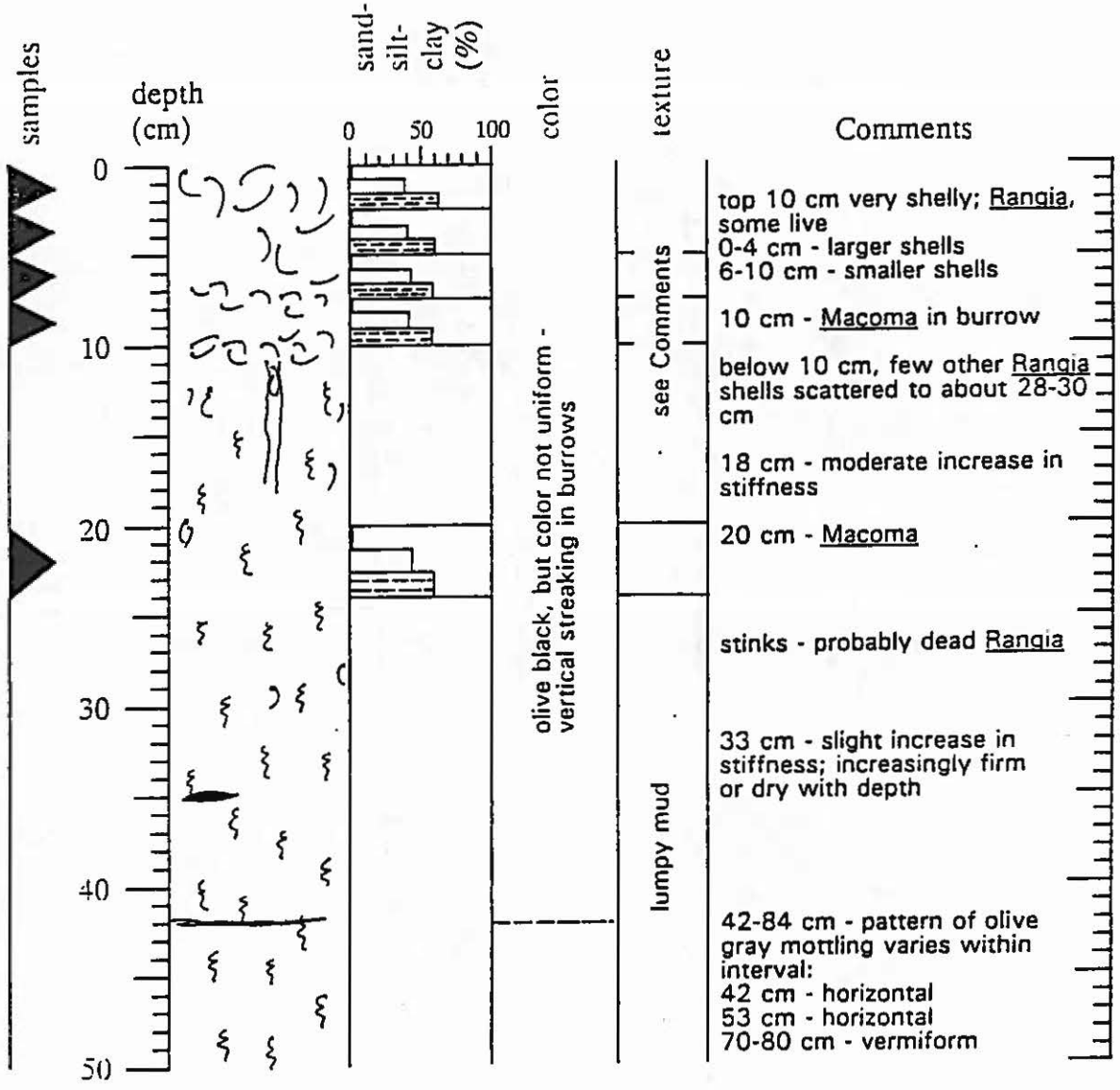
0-2.5 cm - soft, smooth mud; some lumps
2.5-5 cm - creamy mud; texture of fluid mud
5-7.5 cm - stiffer, smooth mud
7.5-10 cm - shelly, lumpy mud; no grit

HART-MILLER ISLAND - 11th Year
Core BC1 April 9, 1992



Comments

HART-MILLER ISLAND - 11th Year
Core BC2 April 9, 1992

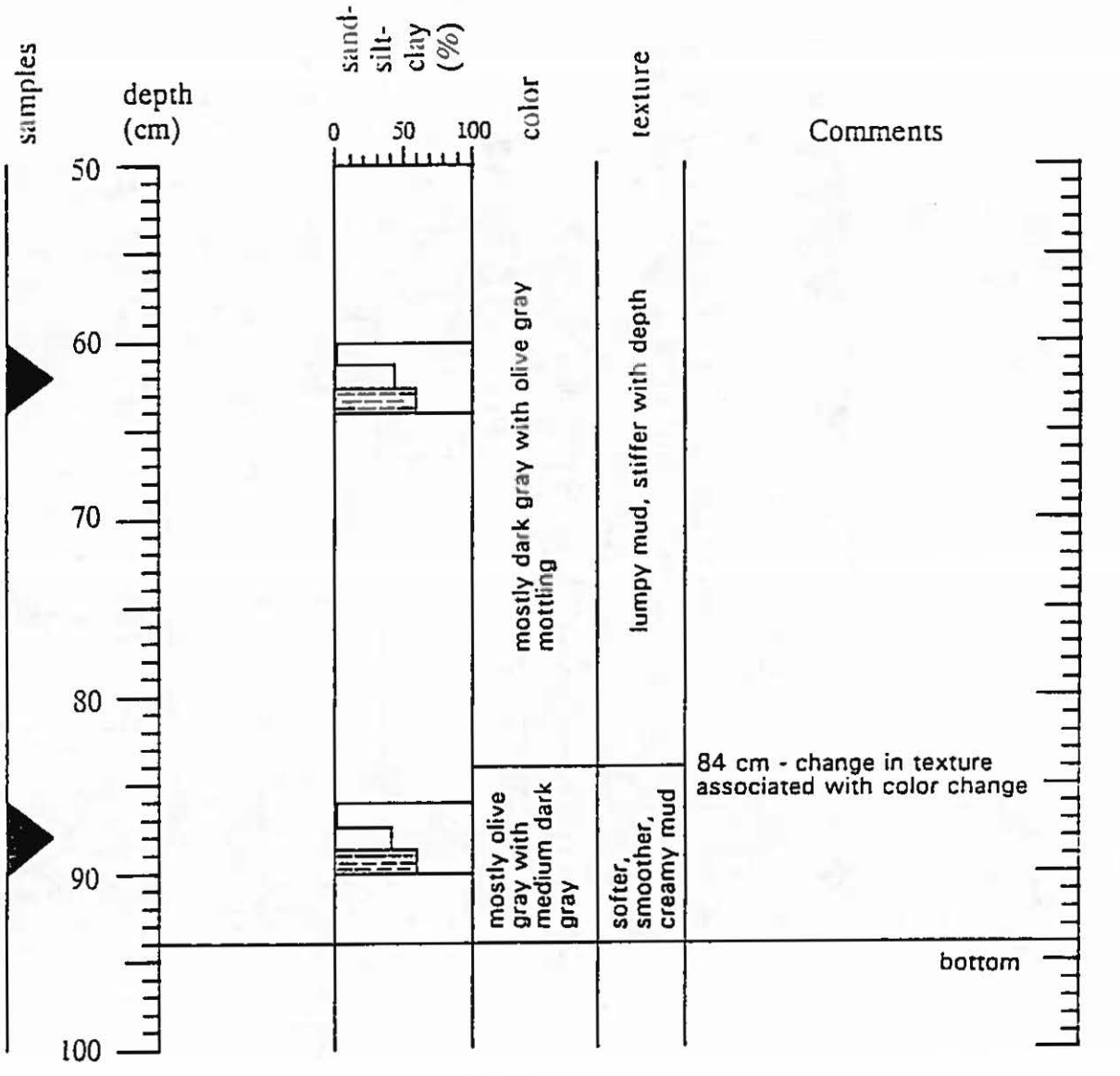


Comments texture

0-5 cm - soft, slightly gritty mud
5-7.5 cm - soft, smooth (no grit) mud
7.5-10 cm - soft, lumpy, very slightly gritty mud
10-20 cm - very slightly gritty, slightly lumpy mud; not soft or firm; softer in burrows

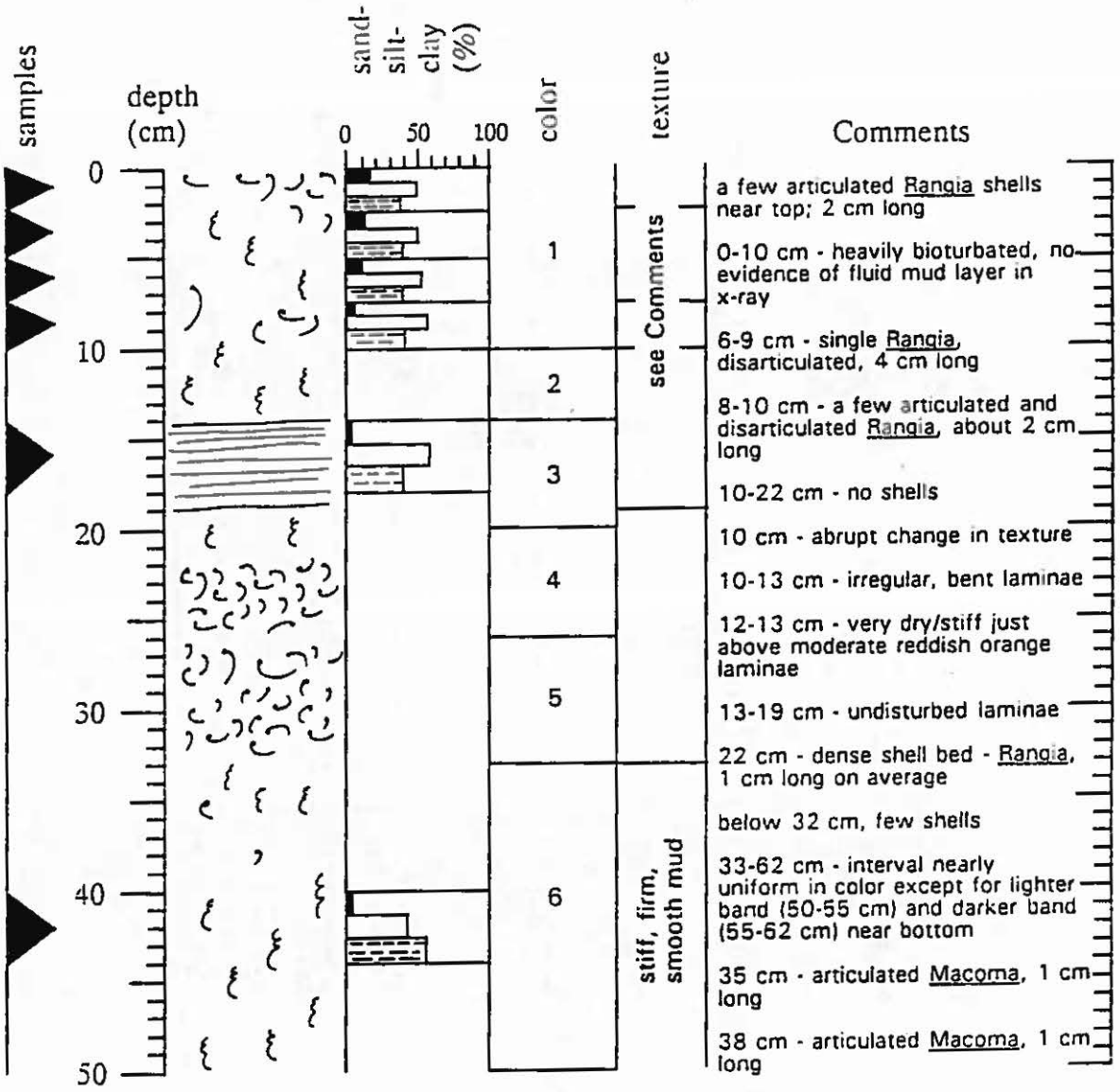
in photo, osmotic knife produced 2 vertical, slightly curved cuts in center of core, from 0-6 cm

HART-MILLER ISLAND - 11th Year
Core BC2 April 9, 1992



Comments

HART-MILLER ISLAND - 11th Year
Core BC3 April 9, 1992

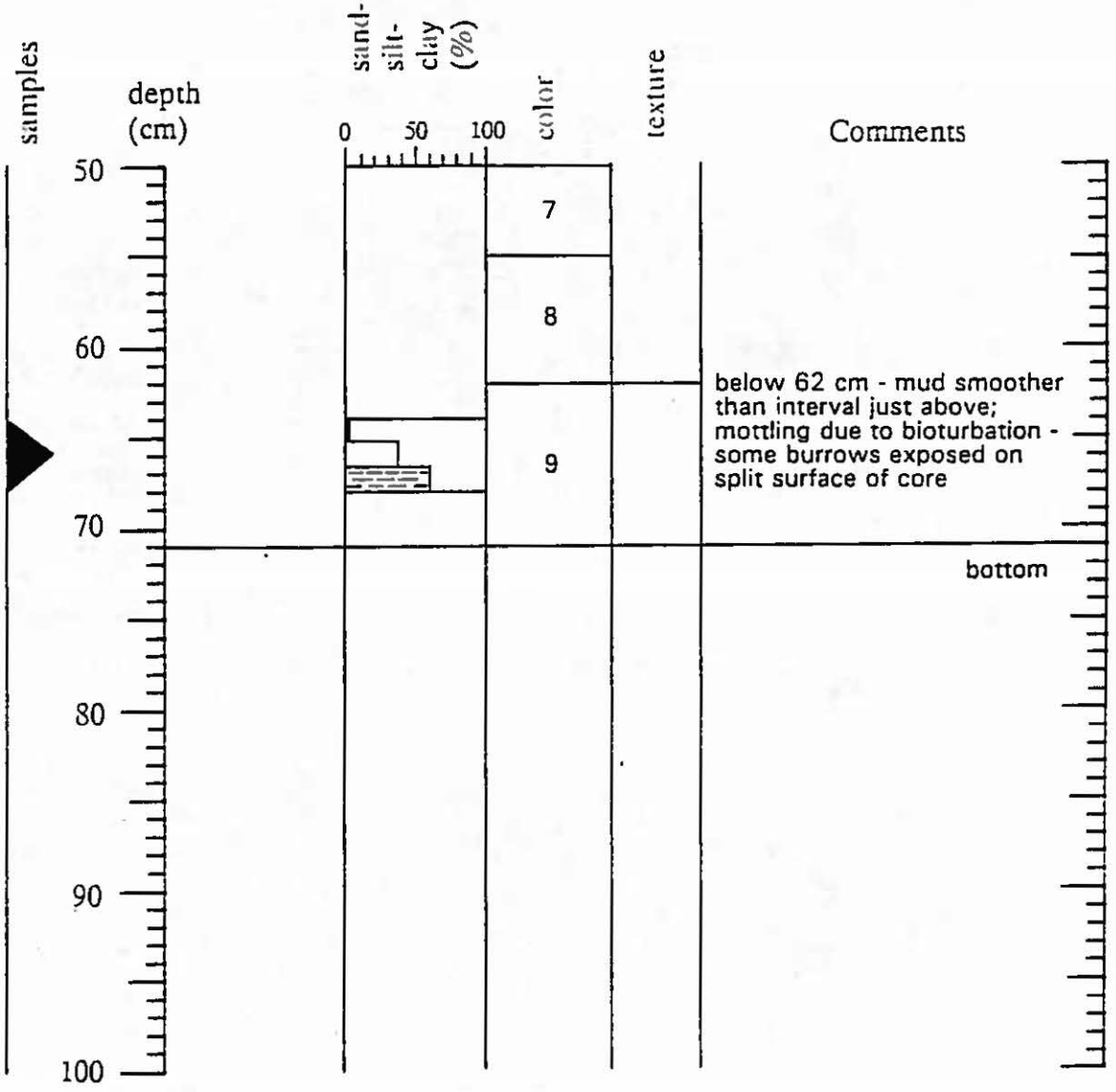


Comments

color bands

(1) mostly olive gray with some grayish black around shells; dark yellowish brown near top
(2) streaked dark gray, moderate reddish orange, and olive gray
(3) mostly moderate reddish orange
(4) light olive to olive gray
(5) dark gray to grayish black
(6) mostly dark gray with olive gray mottling
(7) mostly olive gray with dark gray mottling
(8) dark gray
(9) olive gray mottled with pale to dark yellowish brown

HART-MILLER ISLAND - 11th Year
Core BC3 April 9, 1992

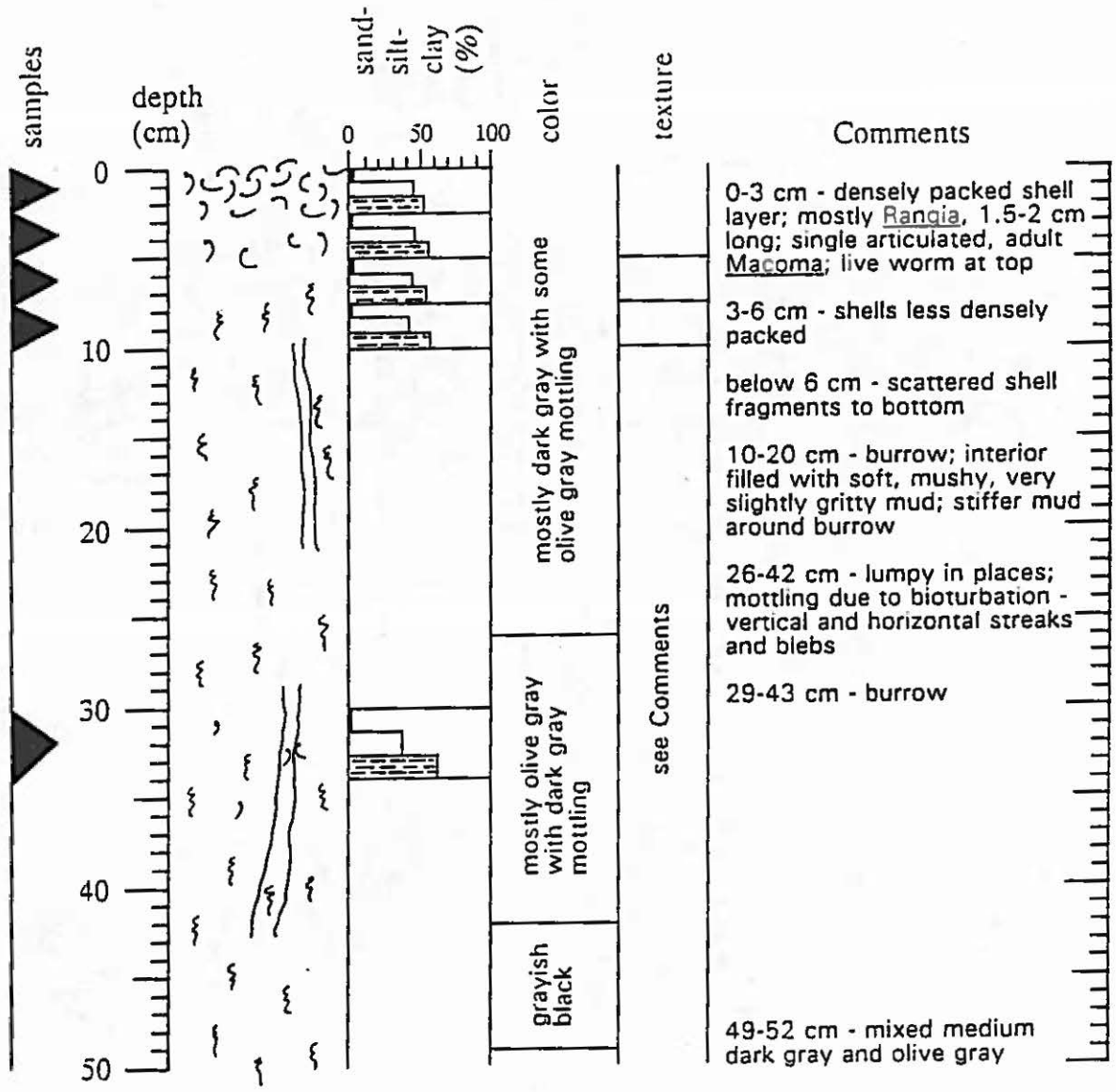


Comments

texture

0-2.5 cm - soft, gritty mud
2.5-7.5 cm - soft, lumpy mud, less gritty
10-19 cm - stiff, creamy, smooth mud

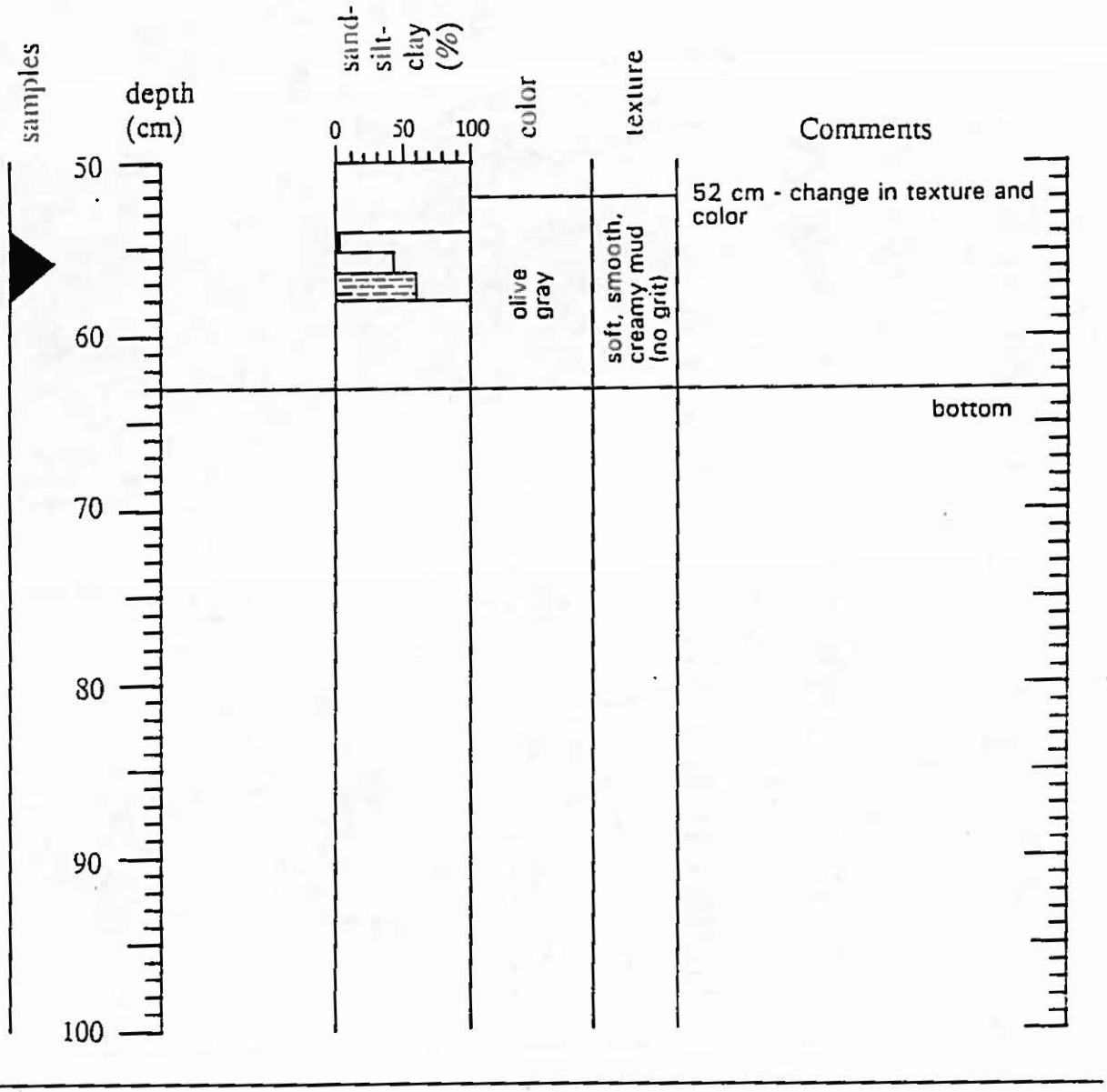
HART-MILLER ISLAND - 11th Year
Core BC4 April 9, 1992



Comments texture

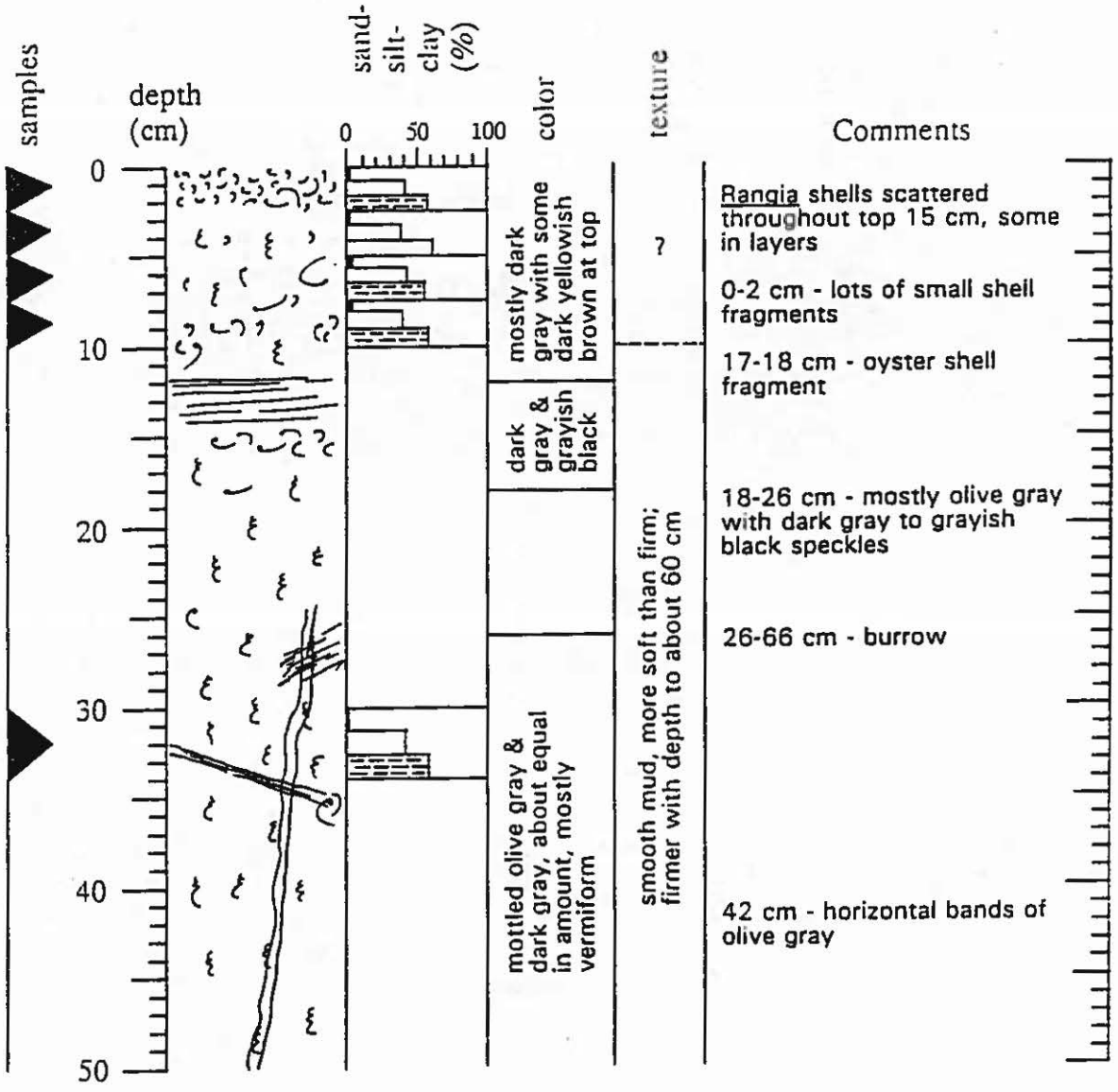
0-5 cm - slightly gritty, very lumpy mud
5-7.5 cm - slightly gritty, smoother (few lumps) mud
10-52 cm - smooth, slick mud, firmer/drier? than burrow fill; gradually firmer with depth

HART-MILLER ISLAND - 11th Year
Core BC4 April 9, 1992



Comments

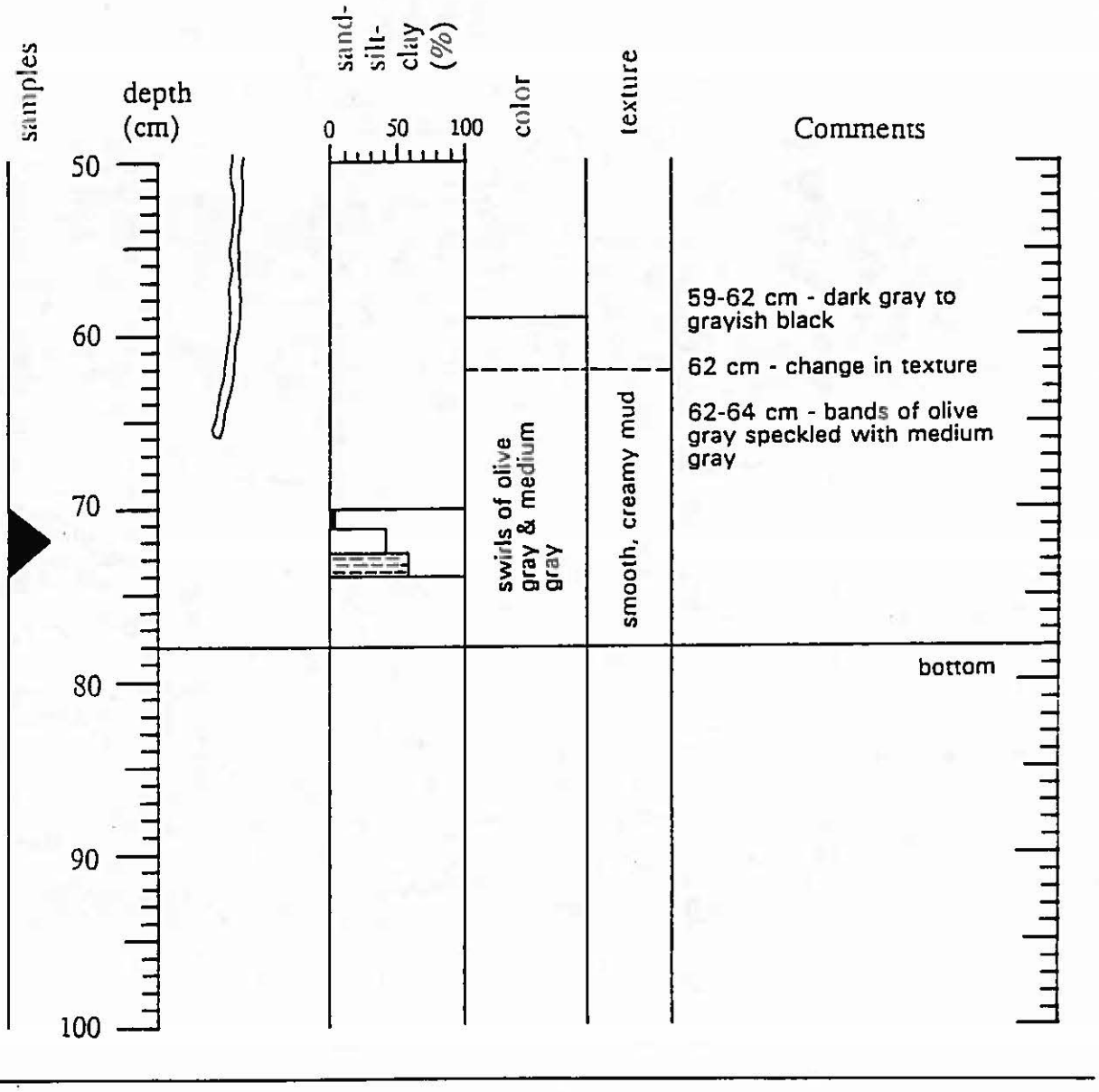
HART-MILLER ISLAND - 11th Year
Core BC5 April 9, 1992



Comments top of core dried out before splitting

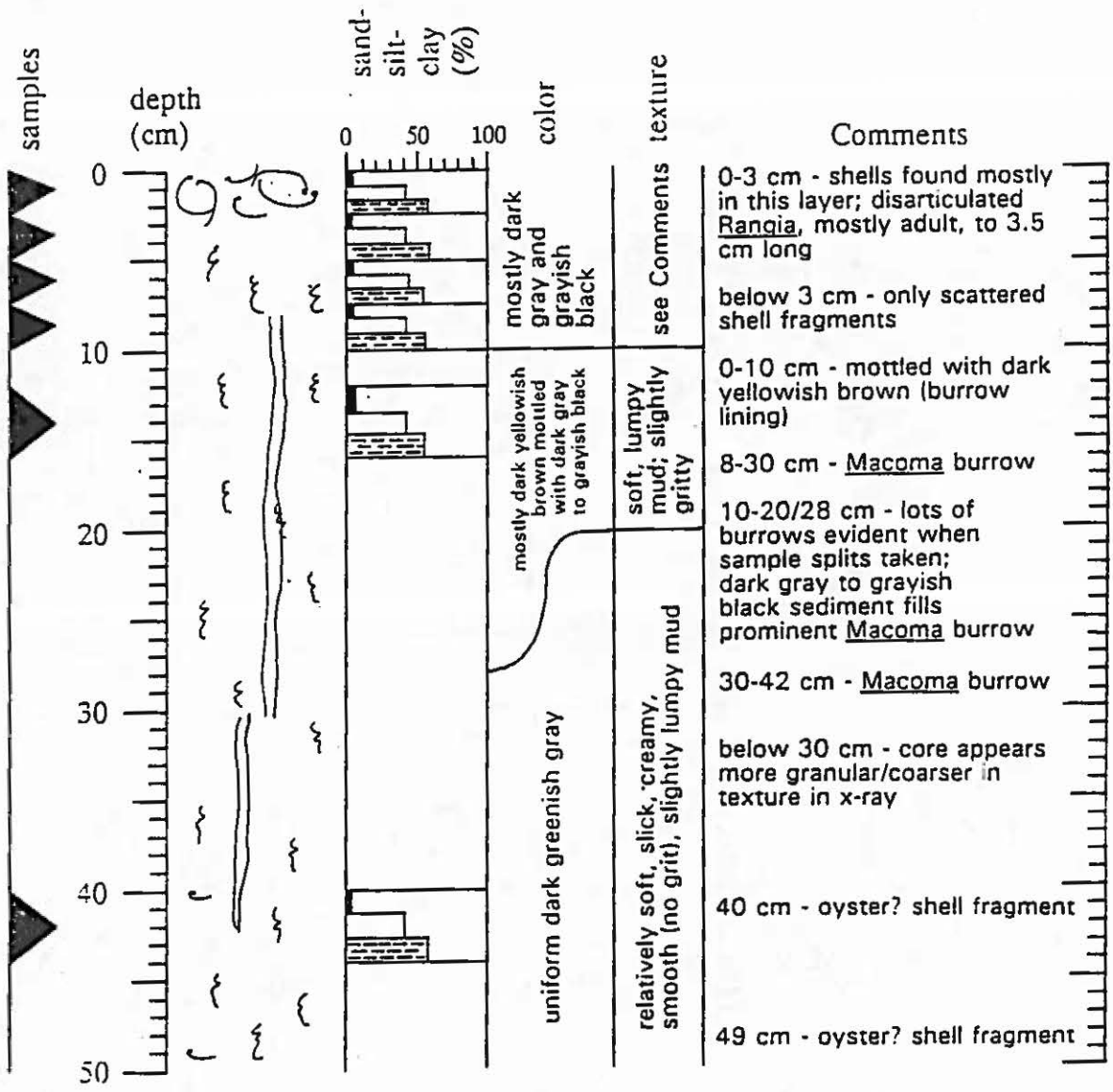
sample at 30-34 cm taken from burrow

HART-MILLER ISLAND - 11th Year
Core BC5 April 9, 1992



Comments

HART-MILLER ISLAND - 11th Year
Core BC6 April 9, 1992



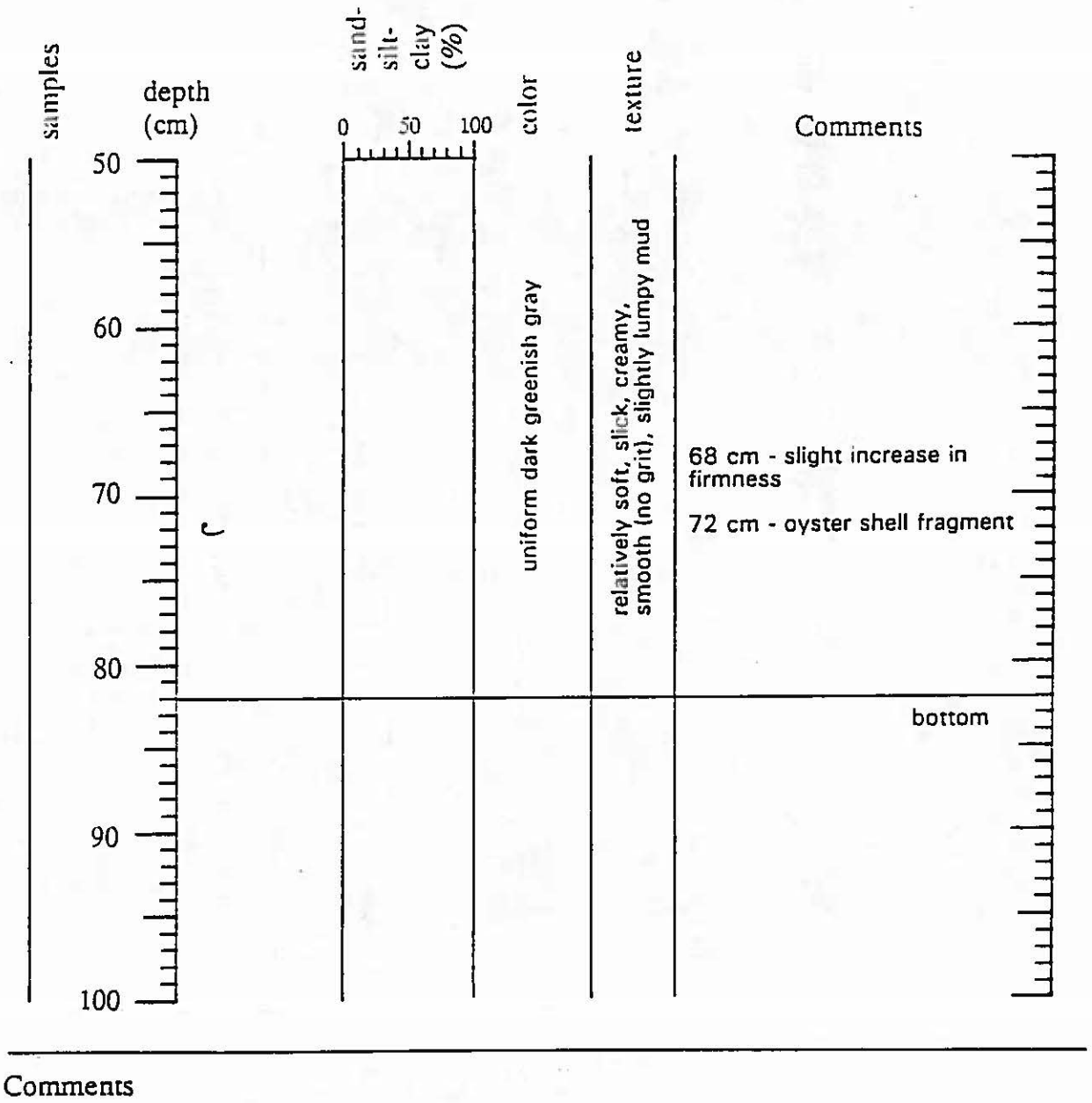
Comments

texture
- 0-2.5 cm - smooth mud
- 2.5-5 cm - soft, smooth mud
- 5-7.5 cm - soft, smooth (no grit), slightly lumpy mud
- 7.5-10 cm - slightly lumpy, very slightly gritty mud

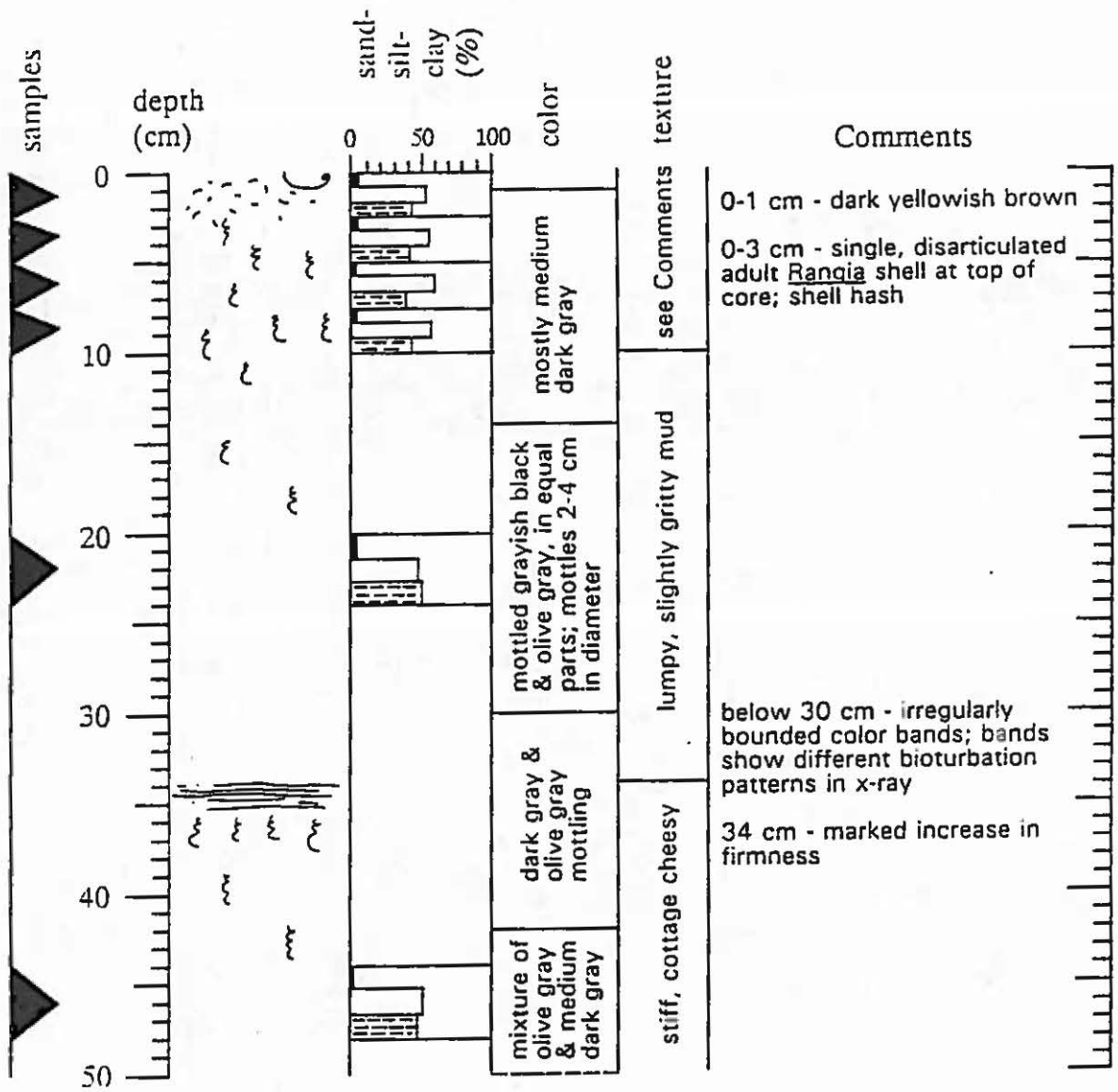
core heavily bioturbated

top of core dried out before it was split and sampled

HART-MILLER ISLAND - 11th Year
Core BC6 April 9, 1992



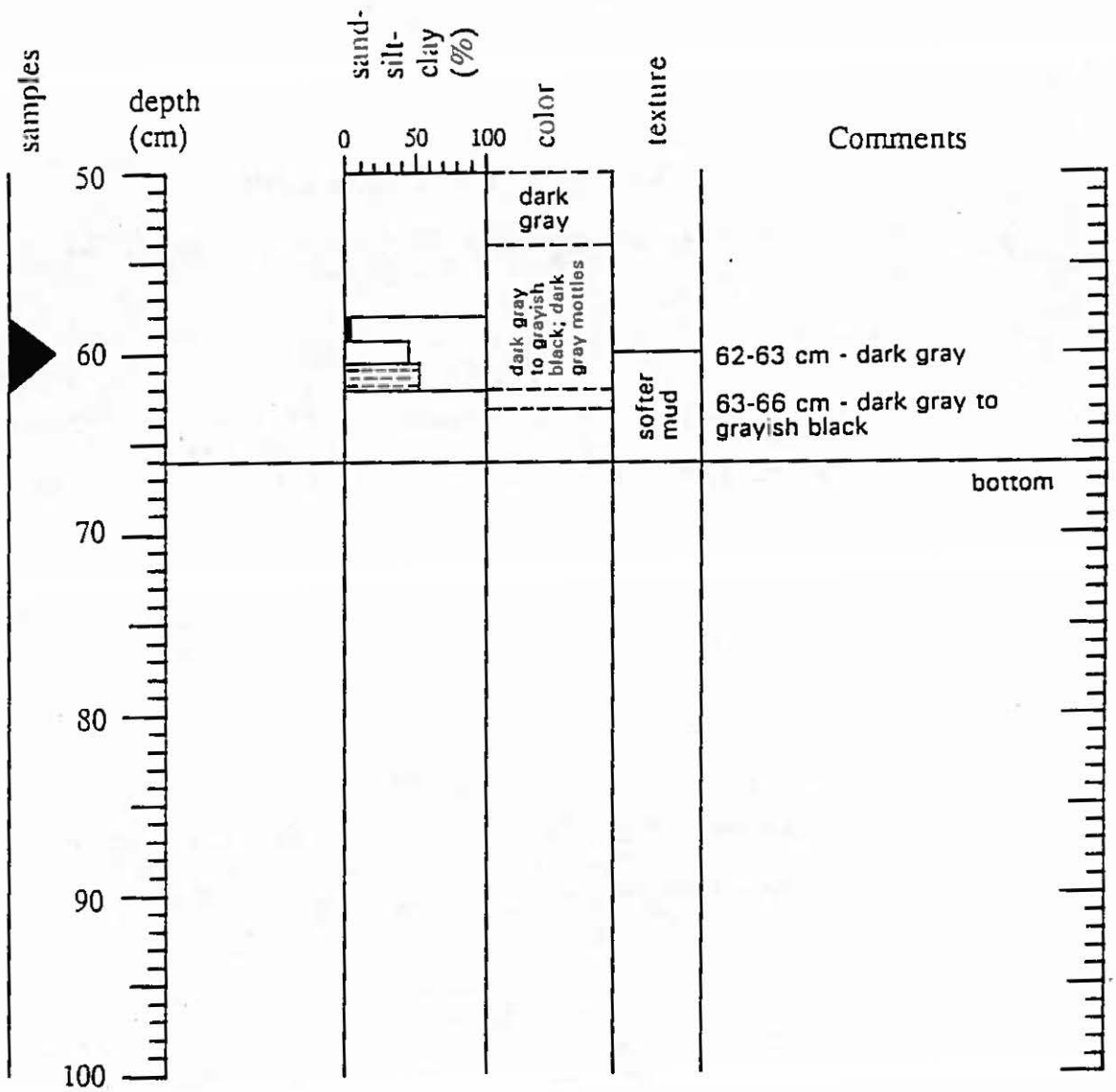
HART-MILLER ISLAND - 11th Year
Core BC7 April 9, 1992



Comments texture

0-2.5 cm - very fine sandy mud
2.5-5 cm - soft, very fine sandy mud
5-7.5 cm - slightly firmer, lumpy mud

HART-MILLER ISLAND - 11th Year
Core BC7 April 9, 1992



Comments

Ref. No. (UMCEES)CBL 93-033

Eleventh Annual Data Report

Benthic Monitoring Studies - Project III
December 1991-August 1992

The Continuing State Assessment of the Environmental Impacts of Operation of the Hart and Miller Islands Containment Facility

Submitted to

Maryland Department of Natural Resources
Tidewater Administration
Monitoring and Data Management Section

Prepared by
Dr. Linda E. Duguay
Center for Environmental & Estuarine Studies
Chesapeake Biological Laboratory
Solomons, MD 20688-0038

September 1993

Eleventh Year - Data from Benthic Monitoring Studies

December 1991- August 1992

This report contains the data collected under the eleventh year Benthic Monitoring Project (Project III) of the Hart and Miller Island Environmental Assessment Program. A series of three cruises were conducted aboard the University of Maryland research vessels RV Orion and RV Aquarius on December 5, 1991, April 6, 1992, and August 17, 1992.

On all three cruises we were able to reach all of the twenty two stations, illustrated in Figure 1 (Chesapeake Biological Lab - Station Designations). Five stations with the HM prefix (HM 7, 9, 16,22, 26) are benthic infaunal reference sites, and have been sampled since the inception of the project. The eight stations with the S prefix positioned around the perimeter of the island represent the nearfield experimental infaunal stations. Four additional benthic infaunal stations (G5, G25, G84, and HM12) were added successively over the course of the ninth sampling year in response to findings of the sedimentary group from Maryland Geological Survey that an enrichment in Zinc has occurred in the sediments at these stations, which could potentially be a result of effluent discharge from the HMI containment facility. The four stations with the R prefix are epifaunal sampling sites, and consist of various piers/pilings at four locations around the island and at a reference piling (station) located to the southwest of the HMI containment facility.

The benthic infaunal samples (HM, S, and G - in Fig. 1) were obtained with a 0.05 m^2 Ponar grab. Three replicates samples were obtained at each station. These samples were individually washed on a 0.5 mm mesh-opening screen. Samples were preserved in a solution of 10% seawater/formalin with rose bengal stain. The samples were rinsed back at the laboratory on a 0.5 mm sieve and stored in 70% ethyl alcohol until the organisms could be picked, sorted and identified. The epibenthic samples were obtained by scraping a qualitative sample with a specially designed aluminum piling sampler from concrete or wood pilings located at dolphins or fishing piers around the perimeter of the island within about 50 feet of the stone riprap wall of the containment facility. The metal pole on a navigational beacon at the Pleasure Island Channel served as a Reference site (R5). Two samples were collected at each piling, one sample was taken at about 1-1.3 m below the surface and a second at 2.5-3 m below the water surface.

Individual specimens in the samples were identified to the lowest taxonomic unit possible. The attached sheets present the actual number of individuals recorded for each of the three replicate samples at the quantitative reference (HM) and nearfield (S) stations. Colonial forms and qualitative epibenthic samples (R) were classified to three densities, very abundant (1), abundant or common (2), and present (3). These qualitative designations are recorded on the data sheets for the five epibenthic stations.

Additional ecological data on the sheets includes information on time of sampling, depth recorded (from the ships fathometer), tidal state (E= ebb, F= flood, H= high slack, L= low slack) and weather conditions (see Table 1 for the code). Surface temperature and salinity from water collected through the ships (through-hull seawater) pumping system were determined with a mercury thermometer (+ or - 1 °C) and a hand-held Goldberg AO refractomer (+ or - 1 o/oo) and are presented in Table 2 for the various stations on the different sampling dates.

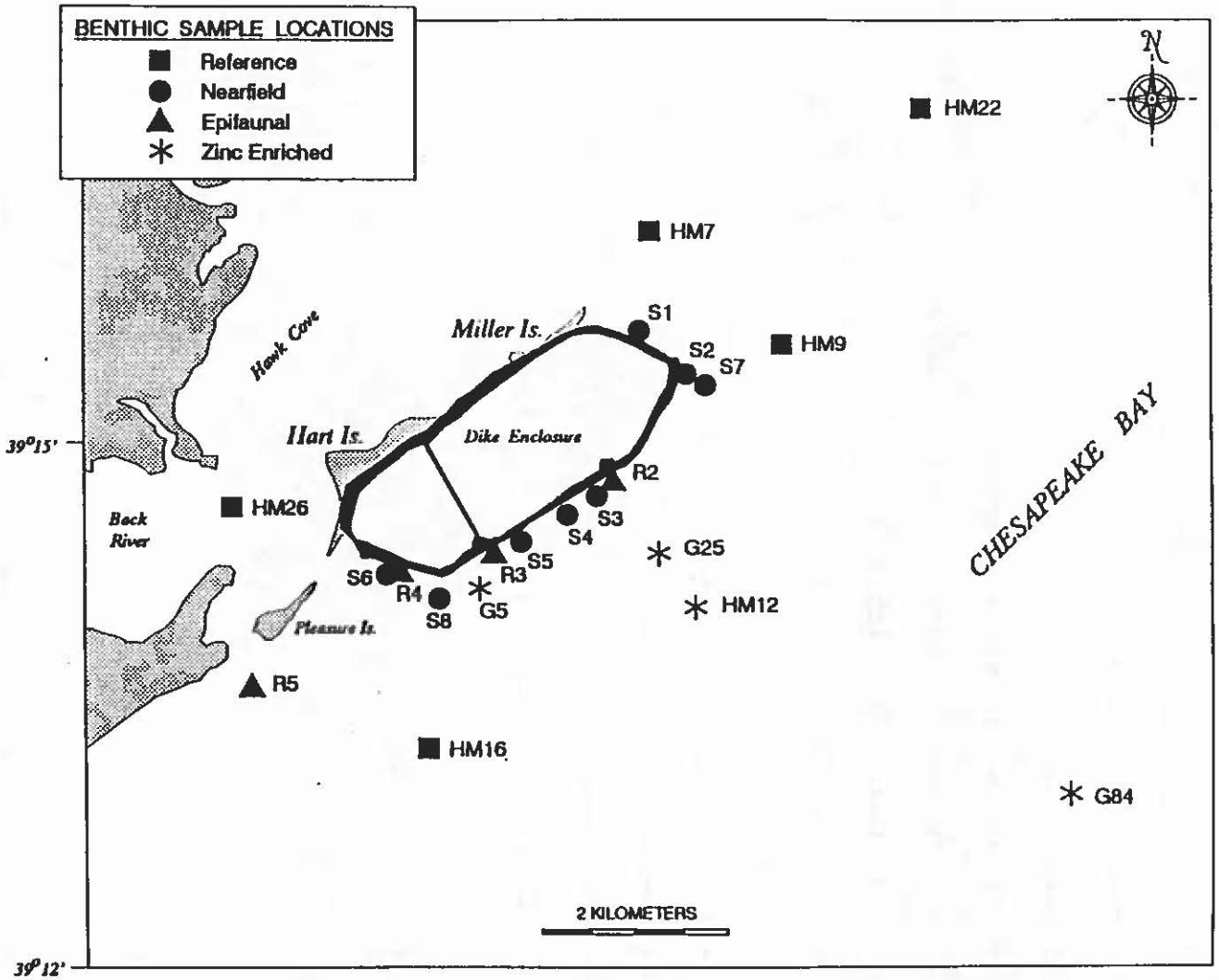


Figure 1. Benthic infaunal and epifaunal sampling station locations at Hart Miller Islands containment facility. University of Maryland, Chesapeake Biological Laboratory designations.

TABLE 1: WEATHER CODES FOR BENTHIC DATA SHEETS - this is a one (1) digit numeric value which describes the weather conditions at the time the sample was collected.

0- clear (no clouds)

1- partly cloudy

2- continuous layers of clouds

3 blowing snow, sandstorm or dust storm

4- fog, haze, or thick dust

5- drizzle

6- rain

7- snow, or rain and snow mixed

8- showers

9- thunderstorms

-- blank, not recorded

TABLE 2: Salinity (in 0/00), temperature (in OC), and depth (in ft.) data for the benthic sampling stations on the 3 collection dates during the 11th year of monitoring studies at Hart Miller.

CBL STA. ID	STATE STA. #	DECEMBER 91 SAL.	DECEMBER 91 TEMP.	DECEMBER 91 DEPTH	APRIL 92 SAL.	APRIL 92 TEMP.	APRIL 92 DEPTH	AUGUST 92 SAL.	AUGUST 92 TEMP.	AUGUST 92 DEPTH
R1	XIF4811	**NS	NS	NS	NS	NS	NS	NS	NS	NS
R2	X1F4813	*NR	NR	NR	4.5	9	NR	NR	NR	NR
R3	X1F4514	NR	NR	NR	NR	NR	NR	NR	NR	NR
R4	XIF4518	NR	NR	NR	NR	NR	NR	NR	NR	NR
R5	XIF3638	NR	NR	NR	NR	NR	NR	NR	NR	NR
S1	XIF5710	4	5.5	5	NR	NR	6	2	23	7
S2	XIF5406	4	6	9	NR	NR	12	2	23	13
S3	XIF4811	4	5.5	15	5	9	15	3	23	16
S4	XIF4715	4	6	14	NR	NR	12	3	23	14
S5	XIF4420	2	5.5	17	NR	NR	17	3.5	23	18
S6	XIF4327	4	6	8	3	10	9	3.5	23	10
S7	XIG5405	4	5.5	10	NR	NR	11	2	23	10
S8	XIF4124	5	5.5	12	4	9	14	4	23	13
HM7	XIF6388	4	5.5	9	NR	NR	9	2	24	10
HM9	XIF5297	4	6	13	4	9	15	2	25.5	16
HM12	XIF5805	4	6.5	14	NR	NR	15	4	23.5	16
HM16	XIF3325	8	6	14	6	8.5	17	4	23	18
HM22	XIG7689	4	6	9	0.5	9	10	2	23	13
HM26	XIF5145	1	5	15	NR	NR	NR	3.5	23	14
G5	XIF4221	4	5	12	5.8	7.6	15	3.5	23	16
G25	XIF4405	3	5	14	4	9	15	2.5	23	16
G84		4	6	15	3	9	16	4.5	24	11

*NR= NOT RECORDED **NS=NOT SAMPLED

PROJECT IV

ANALYTICAL SERVICES

5/15/03 OK

------ STATION=XIF3325 DATE=91-12-05 TIME=1035 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	57
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	136
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	95
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1

5/15/03

------ STATION=XIF3325 DATE=92-04-06 TIME=1051 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIF3325 DATE=92-04-06 TIME=1051 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	29
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	35
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	125
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	108
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	127
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	3

5/15/03 OK

----- STATION=XIF3325 DATE=92-08-17 TIME=1028 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	32
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	70
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	95
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	75

5/15/03 OK

----- STATION=XIF3325 DATE=92-08-17 TIME=1028 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2

---- STATION=XIF3638 DATE=91-12-05 TIME=1550 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1

---- STATION=XIF3638 DATE=91-12-05 TIME=1550 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF3638 DATE=92-04-06 TIME=1800 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF3638 DATE=92-04-06 TIME=1800 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF3638 DATE=92-04-06 TIME=1800 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLEAR -------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF3638 DATE=92-08-17 TIME=1550 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1

------ STATION=XIF3638 DATE=92-08-17 TIME=1550 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1

------ STATION=XIF4124 DATE=91-12-05 TIME=1105 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	8

11TH YEAR HART-MILLER BENTHIC ORGANISM DATA
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RESOURCE MONITORING DATABASE

5/15/03 OK

------ STATION=XIF4124 DATE=91-12-05 TIME=1105 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1

5/15/03 OK

------ STATION=XIF4124 DATE=92-04-06 TIME=1124 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	86
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	63
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	41
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIF4124 DATE=92-08-17 TIME=1044 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS.	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	31
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	61
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	34
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	33
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

5/15/69 OK

------ STATION=XIF4221 DATE=91-12-06 TIME=1117 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2

------ STATION=XIF4221 DATE=91-12-06 TIME=1117 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	43
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	94
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	45
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2

5/15/03 OK

------ STATION=XIF4221 DATE=92-04-06 TIME=1200 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	44

5/15/03 OK

------ STATION=XIF4221 DATE=92-04-06 TIME=1200 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	83
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	69
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	40
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1

5/15/03 OK

----- STATION=XIF4221 DATE=92-08-17 TIME=1104 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	LIMNODRILUS HOFFMEISTERI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	39
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	L. SPECIES	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	45
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	45
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	18

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11TH YEAR HART-MILLER BENTHIC ORGANISM DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

----- STATION=XIF4221 DATE=92-08-17 TIME=1104 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	4

------ STATION=XIF4327 DATE=91-12-05 TIME=1055 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	44
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1

5/15/03 OK

------ STATION=XIF4327 DATE=92-04-06 TIME=1143 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	61
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	47
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	171
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	82
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	120
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

5/15/03
OK

----- STATION=XIF4327 DATE=92-08-17 TIME=1053 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	24
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	30
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	46

11TH YEAR HART-MILLER BENTHIC ORGANISM DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

----- STATION=XIF4327 DATE=92-08-17 TIME=1053 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	54
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	47
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	45
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	88
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	83
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	135
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	3

5/15/03 OK

------ STATION=XIF4405 DATE=91-12-05 TIME=1145 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIF4405 DATE=91-12-05 TIME=1145 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	38
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	38
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	25

5/15/03 Abundance Report Calculations are based on sum of 63 instead of 82

------ STATION=XIF4405 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	157
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	88
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2

5/15/09 DF

------ STATION=XIF4405 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	39
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	46
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	36
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	28

----- STATION=XIF4405 DATE=92-08-17 TIME=1125 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	44
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	53

----- STATION=XIF4405 DATE=92-08-17 TIME=1125 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	49
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	80
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	65
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	32

5/15/07 OK

------ STATION=XIF4420 DATE=91-12-05 TIME=1130 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	67
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	46
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	57

5/15/03 OK

------ STATION=XIF4420 DATE=91-12-05 TIME=1130 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

------ STATION=XIF4420 DATE=92-04-06 TIME=1222 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	65
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	174
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	54
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	49
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	60
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	102
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	106
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	81
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

5/15/03
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----- STATION=XIF4420 DATE=92-08-17 TIME=1112 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	30
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	42
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	55
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	40
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	28
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	37
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	218
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	31

5/15/03
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---- STATION=XIF4514 DATE=91-12-05 TIME=1510 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

---- STATION=XIF4514 DATE=91-12-05 TIME=1510 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4514 DATE=92-04-06 TIME=1724 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4514 DATE=92-04-06 TIME=1724 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4514 DATE=92-08-17 TIME=1517 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF4514 DATE=92-08-17 TIME=1517 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF4514 DATE=92-08-17 TIME=1517 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER CLOUDY ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

---- STATION=XIF4518 DATE=91-12-05 TIME=1530 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

---- STATION=XIF4518 DATE=91-12-05 TIME=1530 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4518 DATE=92-04-06 TIME=1740 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4518 DATE=92-04-06 TIME=1740 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4518 DATE=92-04-06 TIME=1740 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=CLEAR -------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MELINNA SP	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4518 DATE=92-08-17 TIME=1531 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1

------ STATION=XIF4518 DATE=92-08-17 TIME=1531 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1

------ STATION=XIF4715 DATE=91-12-05 TIME=1245 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3

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------ STATION=XIF4715 DATE=91-12-05 TIME=1245 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	100
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	46

------ STATION=XIF4715 DATE=92-04-06 TIME=1435 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	113
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	164
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	119
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	67
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	4

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------ STATION=XIF4715 DATE=92-04-06 TIME=1435 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	39
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	15

----- STATION=XIF4715 DATE=92-08-17 TIME=1206 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	33
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	39
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	131
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIF4715 DATE=92-08-17 TIME=1206 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	10

------ STATION=XIF4811 DATE=91-12-05 TIME=1256 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	35
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

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------ STATION=XIF4811 DATE=92-04-06 TIME=1449 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	48
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	61
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	51
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	56
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	39
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	66
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	103
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	75
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

----- STATION=XIF4811 DATE=92-08-17 TIME=1216 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	37
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	40
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	64
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	44

----- STATION=XIF4811 DATE=92-08-17 TIME=1216 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	88
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	44
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	42
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	39
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	82
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	40
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	43
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2

---- STATION=XIF4813 DATE=91-12-05 TIME=1450 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

---- STATION=XIF4813 DATE=91-12-05 TIME=1450 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

---- STATION=XIF4813 DATE=91-12-05 TIME=1450 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE=FLOOD WEATHER=CLEAR -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF4813 DATE=92-04-06 TIME=1711 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF4813 DATE=92-04-06 TIME=1711 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF4813 DATE=92-08-17 TIME=1457 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2

------ STATION=XIF4813 DATE=92-08-17 TIME=1457 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=CLOUDY ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	3

------ STATION=XIF5145 DATE=91-12-05 TIME=1420 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	123
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	188
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	100
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIF5145 DATE=92-04-06 TIME=1639 DEPTH=0 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	105
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	100
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	110

----- STATION=XIF5145 DATE=92-08-17 TIME=1428 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	33

----- STATION=XIF5145 DATE=92-08-17 TIME=1428 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	111
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	63
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	148
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	46
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	40
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	42
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	75
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	93
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	92
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	5

------ STATION=XIF5297 DATE=91-12-05 TIME=1320 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIF5297 DATE=91-12-05 TIME=1320 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	52
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	49
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	104

------ STATION=XIF5297 DATE=92-04-06 TIME=1516 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	37
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	33
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	62
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	5

------ STATION=XIF5297 DATE=92-04-06 TIME=1516 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	36
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	32
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	28
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	6

----- STATION=XIF5297 DATE=92-08-17 TIME=1323 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	62
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	84
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	63
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	4

----- STATION=XIF5297 DATE=92-08-17 TIME=1323 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HYPANIOLA GRAYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	57
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	69
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	59
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	64
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	47
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	42

------ STATION=XIF5406 DATE=91-12-05 TIME=1307 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1

------ STATION=XIF5406 DATE=91-12-05 TIME=1307 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=CLEAR -------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	60
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	133
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	164
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	8

------ STATION=XIF5406 DATE=92-04-06 TIME=1527 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	229
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	194
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	350
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	60
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	42
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	63
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1

------ STATION=XIF5406 DATE=92-04-06 TIME=1527 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	31

----- STATION=XIF5406 DATE=92-08-17 TIME=1332 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	83
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	219
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	136
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

----- STATION=XIF5406 DATE=92-08-17 TIME=1332 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	80
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	79
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	33
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIF5710 DATE=91-12-05 TIME=1326 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIF5710 DATE=92-04-06 TIME=1541 DEPTH=6 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	194
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	250

----- STATION=XIF5710 DATE=92-04-06 TIME=1541 DEPTH=6 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=CLEAR -------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	209
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

----- STATION=XIF5710 DATE=92-08-17 TIME=1343 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=DRIZZLE ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	78
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	31
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	52
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	27

----- STATION=XIF5710 DATE=92-08-17 TIME=1343 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=DRIZZLE ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	36
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	45
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	30
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	64
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1

------ STATION=XIF5805 DATE=91-12-05 TIME=1155 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	41
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	123
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	2

------ STATION=XIF5805 DATE=91-12-05 TIME=1155 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

------ STATION=XIF5805 DATE=92-04-06 TIME=1254 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	51
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	53
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	80
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	62
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIF5805 DATE=92-08-17 TIME=1135 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	41
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	27
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	27
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2

------ STATION=XIF6388 DATE=91-12-05 TIME=1338 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2

------ STATION=XIF6388 DATE=91-12-05 TIME=1338 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE= WEATHER=CLEAR -------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	43
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	38
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIF6388 DATE=92-04-06 TIME=1619 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	35
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	30
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	37
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	56
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	47
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2

----- STATION=XIF6388 DATE=92-08-17 TIME=1410 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CAPITELLA CAPITATA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	36
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	37
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	44
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	43
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2

------ STATION=XIG2560 DATE=91-12-05 TIME=1213 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	24
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1

------ STATION=XIG2560 DATE=91-12-05 TIME=1213 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	31
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	46
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	42
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	85
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	97
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	88
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1

------ STATION=XIG2560 DATE=92-04-06 TIME=1403 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	24
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2

------ STATION=XIG2560 DATE=92-04-06 TIME=1403 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	144
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	39
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	132
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2

----- STATION=XIG2560 DATE=92-08-17 TIME=1149 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	33
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIG5405 DATE=91-12-05 TIME=1314 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	27
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	NUDIBRANCH	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	142
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	132
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	152

------ STATION=XIG5405 DATE=92-04-06 TIME=1507 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4

------ STATION=XIG5405 DATE=92-04-06 TIME=1507 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=CLEAR ------
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	31
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	236
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	304
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIG5405 DATE=92-08-17 TIME=1226 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	60
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	47
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	191
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	2

----- STATION=XIG5405 DATE=92-08-17 TIME=1226 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GAMMARUS MUCRONATUS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	41
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	9

------ STATION=XIG7689 DATE=91-12-05 TIME=1352 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3926580 LONG=7618510 TIDE= WEATHER=CLEAR -------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	34
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	45
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

------ STATION=XIG7689 DATE=92-04-06 TIME=1601 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3926580 LONG=7618510 TIDE= WEATHER=CLEAR ------

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	48
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	47
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3

----- STATION=XIG7689 DATE=92-08-17 TIME=1359 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3926580 LONG=7618510 TIDE= WEATHER=DRIZZLE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	4

----- STATION=XIG7689 DATE=92-08-17 TIME=1359 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3926580 LONG=7618510 TIDE= WEATHER=DRIZZLE -----
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	31
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
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RESOURCE MONITORING DATABASE

------- STATION=XIF2038 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		150.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		112.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		6.01
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		14173.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		530.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		58.30

--- STATION=XIF2038 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		132.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		103.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.96
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		8060.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		489.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		53.50

------- STATION=XIF2229 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		133.3
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		121.8
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.9
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4238.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		573.1
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.1

--- STATION=XIF2229 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		134.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		158.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.86
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5112.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		744.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		71.70

------- STATION=XIF2715 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		90.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.01
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3258.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		350.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		64.60

--- STATION=XIF2715 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.6
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		83.5
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.5
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5252.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		326.1
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		44.7

------- STATION=XIF2723 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912425 LONG=7622189 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		132.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		105.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.57
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3349.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		464.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		65.00

--- STATION=XIF2723 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912425 LONG=7622189 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		117.1
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		86.6
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.4
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		8836.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		376.8
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.0

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
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RESOURCE MONITORING DATABASE

------- STATION=XIF3012 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913577 LONG=7621108 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		124.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		93.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.41
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2892.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		371.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		60.80

--- STATION=XIF3012 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913577 LONG=7621108 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		120.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		86.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.93
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2848.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		345.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.90

------- STATION=XIF3064 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		139.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		95.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.61
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3059.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		409.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		58.60

--- STATION=XIF3064 DATE=92-04-09 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		121.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		78.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.19
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4292.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		363.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		52.10

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIF3225 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		126.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		92.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.45
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4219.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		367.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		60.00

XIF3224 MGS 34

--- STATION=XIF3225 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		126.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		94.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.98
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5376.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		365.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.80

------- STATION=XIF3225 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		35.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		68.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		34000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		4300.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		330.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		40.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DI2ETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0

Not a Core Sample but the Method for Chromium is that same I used for Core Samples Seems it should be 304

------- STATION=XIF3225 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0

------- STATION=XIF3225 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

-------- STATION=XIF3246 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913090 LONG=7624340 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		25.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		16.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.05
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1155.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		74.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.30

---- STATION=XIF3246 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3913090 LONG=7624340 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		25.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		17.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.86
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		670.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		73.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		10.00

------- STATION=XIF3430 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		78.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		48.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.99
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1546.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		225.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		17.40

--- STATION=XIF3430 DATE=92-04-09 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		22.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		13.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.78
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		844.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		58.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		9.60

------- STATION=XIF3620 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		122.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		94.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.32
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2593.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		394.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		55.00

--- STATION=XIF3620 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		84.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.15
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3051.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		350.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.40

-------- STATION=XIF3638 DATE=91-11-20 TIME=0 DEPTH=4 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		7.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		10.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.35
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		856.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		26.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		19.90

---- STATION=XIF3638 DATE=92-04-09 TIME=0 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		11.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		15.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.38
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		797.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		34.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		6.40

------- STATION=XIF4016 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		106.9
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		60.8
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.6
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1705.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		205.2
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		59.0

--- STATION=XIF4016 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		103.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		64.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.86
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1852.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		227.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		36.40

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIF4024 DATE=91-11-20 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		110.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		52.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.45
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1318.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		166.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		39.30

--- STATION=XIF4024 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		120.30
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		76.00
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		4.63
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		5053.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		320.00
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		47.30
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		95.30
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		59.60
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		3.81
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		1672.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		227.80
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		35.80
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		120.00
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		84.50
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		4.80
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		2886.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		336.20
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		49.70
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		130.80
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		102.30
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		5.15
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		3074.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		461.40
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		57.70
CORE	1	CHEM CHAR	16	20	TOTAL CHROMIUM	310	UG/GM-DW		116.10
CORE	1	CHEM CHAR	16	20	TOTAL NICKEL	314	UG/GM-DW		124.70
CORE	1	CHEM CHAR	16	20	TOTAL IRON	312	%-BYWT		5.05
CORE	1	CHEM CHAR	16	20	TOTAL MANGANESE	313	UG/GM-DW		2441.00
CORE	1	CHEM CHAR	16	20	TOTAL ZINC	315	UG/GM-DW		471.70
CORE	1	CHEM CHAR	16	20	TOTAL COPPER	311	UG/GM-DW		71.50
CORE	1	CHEM CHAR	32	36	TOTAL CHROMIUM	310	UG/GM-DW		98.60
CORE	1	CHEM CHAR	32	36	TOTAL NICKEL	314	UG/GM-DW		44.60
CORE	1	CHEM CHAR	32	36	TOTAL IRON	312	%-BYWT		4.66
CORE	1	CHEM CHAR	32	36	TOTAL MANGANESE	313	UG/GM-DW		1452.00
CORE	1	CHEM CHAR	32	36	TOTAL ZINC	315	UG/GM-DW		115.70
CORE	1	CHEM CHAR	32	36	TOTAL COPPER	311	UG/GM-DW		25.00

--- STATION=XIF4024 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	56	60	TOTAL CHROMIUM	310	UG/GM-DW		105.00
CORE	1	CHEM CHAR	56	60	TOTAL NICKEL	314	UG/GM-DW		44.00
CORE	1	CHEM CHAR	56	60	TOTAL IRON	312	%-BYWT		4.78
CORE	1	CHEM CHAR	56	60	TOTAL MANGANESE	313	UG/GM-DW		1275.00
CORE	1	CHEM CHAR	56	60	TOTAL ZINC	315	UG/GM-DW		114.50
CORE	1	CHEM CHAR	56	60	TOTAL COPPER	311	UG/GM-DW		16.10

------- STATION=XIF4126 DATE=91-11-20 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		101.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		57.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.81
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1969.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		255.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		25.00

--- STATION=XIF4126 DATE=92-04-09 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		100.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		61.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.78
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1842.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		257.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.00

------- STATION=XIF4221 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		62.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.32
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3812.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		303.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		38.90

--- STATION=XIF4221 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		66.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.37
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2521.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		283.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.50

------- STATION=XIF4285 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		120.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		90.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.35
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2252.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		377.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.40

--- STATION=XIF4285 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		125.10
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		94.70
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		5.05
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		2241.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		368.20
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		53.30
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		121.80
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		94.30
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		5.19
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		2110.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		374.50
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		54.10
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		114.10
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		98.00
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		4.98
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		2688.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		392.50
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		55.60
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		123.40
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		142.80
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		5.14
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		5078.00

--- STATION=XIF4285 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		598.00
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		66.30
CORE	1	CHEM CHAR	20	24	TOTAL CHROMIUM	310	UG/GM-DW		111.30
CORE	1	CHEM CHAR	20	24	TOTAL NICKEL	314	UG/GM-DW		143.60
CORE	1	CHEM CHAR	20	24	TOTAL IRON	312	%-BYWT		4.98
CORE	1	CHEM CHAR	20	24	TOTAL MANGANESE	313	UG/GM-DW		3054.00
CORE	1	CHEM CHAR	20	24	TOTAL ZINC	315	UG/GM-DW		510.90
CORE	1	CHEM CHAR	20	24	TOTAL COPPER	311	UG/GM-DW		77.70
CORE	1	CHEM CHAR	60	64	TOTAL CHROMIUM	310	UG/GM-DW		106.10
CORE	1	CHEM CHAR	60	64	TOTAL NICKEL	314	UG/GM-DW		59.90
CORE	1	CHEM CHAR	60	64	TOTAL IRON	312	%-BYWT		5.28
CORE	1	CHEM CHAR	60	64	TOTAL MANGANESE	313	UG/GM-DW		3408.00
CORE	1	CHEM CHAR	60	64	TOTAL ZINC	315	UG/GM-DW		162.50
CORE	1	CHEM CHAR	60	64	TOTAL COPPER	311	UG/GM-DW		34.50
CORE	1	CHEM CHAR	86	90	TOTAL CHROMIUM	310	UG/GM-DW		98.10
CORE	1	CHEM CHAR	86	90	TOTAL NICKEL	314	UG/GM-DW		44.20
CORE	1	CHEM CHAR	86	90	TOTAL IRON	312	%-BYWT		4.76
CORE	1	CHEM CHAR	86	90	TOTAL MANGANESE	313	UG/GM-DW		1296.00
CORE	1	CHEM CHAR	86	90	TOTAL ZINC	315	UG/GM-DW		114.00
CORE	1	CHEM CHAR	86	90	TOTAL COPPER	311	UG/GM-DW		22.30

------- STATION=XIF4317 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		68.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.64
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4061.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		301.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.90

--- STATION=XIF4317 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		103.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		69.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.45
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2591.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		266.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		41.10

------- STATION=XIF4405 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		128.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		137.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.26
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5044.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		559.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		34.90
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		125.00
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		93.60
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.04
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3342.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		386.70
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		50.40
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		135.50
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		160.00
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.61
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4893.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		663.30
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		72.60

--- STATION=XIF4405 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		120.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		102.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.67
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2925.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		436.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		55.30
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		119.60
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		103.50
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		5.10
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		3570.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		433.80
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		53.60
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		125.30
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		121.60
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		5.37
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		6758.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		517.90
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		59.80
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		125.00
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		131.50
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		5.25
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		5378.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		544.50
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		63.90

--- STATION=XIF4405 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		109.10
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		146.30
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		5.05
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		3013.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		528.00
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		73.40
CORE	1	CHEM CHAR	40	44	TOTAL CHROMIUM	310	UG/GM-DW		105.00
CORE	1	CHEM CHAR	40	44	TOTAL NICKEL	314	UG/GM-DW		59.90
CORE	1	CHEM CHAR	40	44	TOTAL IRON	312	%-BYWT		5.07
CORE	1	CHEM CHAR	40	44	TOTAL MANGANESE	313	UG/GM-DW		2290.00
CORE	1	CHEM CHAR	40	44	TOTAL ZINC	315	UG/GM-DW		160.40
CORE	1	CHEM CHAR	40	44	TOTAL COPPER	311	UG/GM-DW		34.80
CORE	1	CHEM CHAR	66	70	TOTAL CHROMIUM	310	UG/GM-DW		89.50
CORE	1	CHEM CHAR	66	70	TOTAL NICKEL	314	UG/GM-DW		39.80
CORE	1	CHEM CHAR	66	70	TOTAL IRON	312	%-BYWT		4.51
CORE	1	CHEM CHAR	66	70	TOTAL MANGANESE	313	UG/GM-DW		1527.00
CORE	1	CHEM CHAR	66	70	TOTAL ZINC	315	UG/GM-DW		109.20
CORE	1	CHEM CHAR	66	70	TOTAL COPPER	311	UG/GM-DW		22.00
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		117.60
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		129.30
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.55
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4896.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		526.40
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		58.20
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		119.90
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		110.50
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.51
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3838.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		449.30
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		54.40

------- STATION=XIF4411 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7621070 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		123.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		92.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.45
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2550.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		395.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		60.60

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIF4411 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7621070 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		115.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		78.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.57
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3008.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		321.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.50

------- STATION=XIF4609 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		121.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		87.6
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.6
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4150.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		423.2
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.2

--- STATION=XIF4609 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		85.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.87
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2123.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		350.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.80

------- STATION=XIF4614 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR --------

MGS BC-3

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		27.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		45.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1

------- STATION=XIF4614 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		26000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		3600.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		220.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		31.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DI2ETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0

------- STATION=XIF4614 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

------- STATION=XIF4615 DATE=91-11-20 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		96.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		50.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.81
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1595.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		199.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		43.50
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		82.70
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		41.90
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.27

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIF4615 DATE=91-11-20 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1106.0
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		145.6
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		41.5
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		66.0
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		35.4
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.8
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		669.0
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		107.9
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		29.1

--- STATION=XIF4615 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		88.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		46.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.47
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1458.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		189.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		32.50
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		95.00
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		58.20
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		3.37
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		1950.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		233.10
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		35.60
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		102.70
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		62.50
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		3.79
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		1811.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		248.60
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		39.60
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		101.20
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		56.50
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		3.69
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		1722.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		223.40
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		38.20
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		91.80
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		48.70
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		3.40
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		1377.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		178.50
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		30.70
CORE	1	CHEM CHAR	14	18	TOTAL CHROMIUM	310	UG/GM-DW		92.30
CORE	1	CHEM CHAR	14	18	TOTAL NICKEL	314	UG/GM-DW		34.60

--- STATION=XIF4615 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	14	18	TOTAL IRON	312	%-BYWT		3.81
CORE	1	CHEM CHAR	14	18	TOTAL MANGANESE	313	UG/GM-DW		423.00
CORE	1	CHEM CHAR	14	18	TOTAL ZINC	315	UG/GM-DW		76.20
CORE	1	CHEM CHAR	14	18	TOTAL COPPER	311	UG/GM-DW		22.50
CORE	1	CHEM CHAR	40	44	TOTAL CHROMIUM	310	UG/GM-DW		115.00
CORE	1	CHEM CHAR	40	44	TOTAL NICKEL	314	UG/GM-DW		132.60
CORE	1	CHEM CHAR	40	44	TOTAL IRON	312	%-BYWT		4.80
CORE	1	CHEM CHAR	40	44	TOTAL MANGANESE	313	UG/GM-DW		2154.00
CORE	1	CHEM CHAR	40	44	TOTAL ZINC	315	UG/GM-DW		556.70
CORE	1	CHEM CHAR	40	44	TOTAL COPPER	311	UG/GM-DW		70.70
CORE	1	CHEM CHAR	64	68	TOTAL CHROMIUM	310	UG/GM-DW		100.40
CORE	1	CHEM CHAR	64	68	TOTAL NICKEL	314	UG/GM-DW		46.30
CORE	1	CHEM CHAR	64	68	TOTAL IRON	312	%-BYWT		4.86
CORE	1	CHEM CHAR	64	68	TOTAL MANGANESE	313	UG/GM-DW		1413.00
CORE	1	CHEM CHAR	64	68	TOTAL ZINC	315	UG/GM-DW		119.60
CORE	1	CHEM CHAR	64	68	TOTAL COPPER	311	UG/GM-DW		25.60
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		89.00
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		53.00
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.55
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1962.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		194.80
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		32.00
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		88.40
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		54.20
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.55
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2091.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		229.40
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		36.60

------- STATION=XIF4642 DATE=91-11-20 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		74.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		38.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.41
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		663.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		182.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		19.40

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIF4642 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		83.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		40.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.71
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1011.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		213.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		37.00

------- STATION=XIF4642 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		45.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		39.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		21000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		1300.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		240.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		37.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DI2ETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1

------- STATION=XIF4642 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.0

------- STATION=XIF4642 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		47.0
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		47.0
GRAB	2	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		22000.0
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		1700.0
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		240.0
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		40.0
GRAB	2	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. DI2ETHP	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	2	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1

------- STATION=XIF4642 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	1000.0
GRAB	2	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100.0

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIF4703 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		117.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		104.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.36
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2544.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		368.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		41.90

--- STATION=XIF4703 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		115.30
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		147.70
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		4.98
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		3386.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		594.10
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		67.60
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		110.80
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		149.90
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		4.80
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		2658.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		550.20
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		73.40
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		101.50
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		103.30
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		4.78
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		2294.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		358.10
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		62.10
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		96.70
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		91.80
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		4.75
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		2974.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		318.60
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		54.80
CORE	1	CHEM CHAR	30	34	TOTAL CHROMIUM	310	UG/GM-DW		103.30
CORE	1	CHEM CHAR	30	34	TOTAL NICKEL	314	UG/GM-DW		50.00
CORE	1	CHEM CHAR	30	34	TOTAL IRON	312	%-BYWT		4.81
CORE	1	CHEM CHAR	30	34	TOTAL MANGANESE	313	UG/GM-DW		2045.00
CORE	1	CHEM CHAR	30	34	TOTAL ZINC	315	UG/GM-DW		140.70
CORE	1	CHEM CHAR	30	34	TOTAL COPPER	311	UG/GM-DW		30.50
CORE	1	CHEM CHAR	54	58	TOTAL CHROMIUM	310	UG/GM-DW		103.40
CORE	1	CHEM CHAR	54	58	TOTAL NICKEL	314	UG/GM-DW		43.80
CORE	1	CHEM CHAR	54	58	TOTAL IRON	312	%-BYWT		4.69
CORE	1	CHEM CHAR	54	58	TOTAL MANGANESE	313	UG/GM-DW		1077.00
CORE	1	CHEM CHAR	54	58	TOTAL ZINC	315	UG/GM-DW		113.00
CORE	1	CHEM CHAR	54	58	TOTAL COPPER	311	UG/GM-DW		19.90

--- STATION=XIF4703 DATE=92-04-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		110.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		120.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.85
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2291.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		428.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		68.10

------- STATION=XIF4806 DATE=91-11-20 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		110.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		129.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.74
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		601.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		579.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.60

--- STATION=XIF4806 DATE=92-04-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		117.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		92.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.99
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2416.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		378.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		50.90

----- STATION=XIF4811 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914480 LONG=7621050 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		16
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		69
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		34000
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		3000
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		320
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		41

Method Change

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

-------- STATION=XIF4964 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		123.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		63.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.27
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1366.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		289.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		64.00

---- STATION=XIF4964 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		114.60
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		58.40
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		3.69
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		1406.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		282.30
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		53.70
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		117.50
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		62.60
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		3.63
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		882.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		283.20
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		54.40
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		114.90
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		60.60
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		3.60
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		838.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		275.10
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		54.70
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		123.10
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		68.50
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		3.85
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		931.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		298.00
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		59.40
CORE	1	CHEM CHAR	20	24	TOTAL CHROMIUM	310	UG/GM-DW		168.90
CORE	1	CHEM CHAR	20	24	TOTAL NICKEL	314	UG/GM-DW		93.00
CORE	1	CHEM CHAR	20	24	TOTAL IRON	312	%-BYWT		4.21
CORE	1	CHEM CHAR	20	24	TOTAL MANGANESE	313	UG/GM-DW		1093.00
CORE	1	CHEM CHAR	20	24	TOTAL ZINC	315	UG/GM-DW		446.70
CORE	1	CHEM CHAR	20	24	TOTAL COPPER	311	UG/GM-DW		85.90
CORE	1	CHEM CHAR	44	48	TOTAL CHROMIUM	310	UG/GM-DW		180.60
CORE	1	CHEM CHAR	44	48	TOTAL NICKEL	314	UG/GM-DW		139.70
CORE	1	CHEM CHAR	44	48	TOTAL IRON	312	%-BYWT		4.26
CORE	1	CHEM CHAR	44	48	TOTAL MANGANESE	313	UG/GM-DW		1543.00
CORE	1	CHEM CHAR	44	48	TOTAL ZINC	315	UG/GM-DW		592.90
CORE	1	CHEM CHAR	44	48	TOTAL COPPER	311	UG/GM-DW		84.40

---- STATION=XIF4964 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	58	62	TOTAL CHROMIUM	310	UG/GM-DW		199.80
CORE	1	CHEM CHAR	58	62	TOTAL NICKEL	314	UG/GM-DW		166.50
CORE	1	CHEM CHAR	58	62	TOTAL IRON	312	%-BYWT		4.36
CORE	1	CHEM CHAR	58	62	TOTAL MANGANESE	313	UG/GM-DW		888.00
CORE	1	CHEM CHAR	58	62	TOTAL ZINC	315	UG/GM-DW		660.50
CORE	1	CHEM CHAR	58	62	TOTAL COPPER	311	UG/GM-DW		86.30

-------- STATION=XIF5009 DATE=91-11-20 TIME=0 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		38.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		22.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.36
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2784.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		92.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		38.60

--- STATION=XIF5009 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		51.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		23.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.74
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		425.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		67.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		16.20

------- STATION=XIF5203 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		16.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		15.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.29
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1822.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		52.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		23.00

--- STATION=XIF5203 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		11.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		9.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.42
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		600.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		27.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		5.00

-------- STATION=XIF5232 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		115.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		67.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.26
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		922.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		278.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.50

---- STATION=XIF5232 DATE=92-04-09 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		64.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.26
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1005.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		275.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.40

------- STATION=XIF5302 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		29.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		19.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.24
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		770.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		98.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		26.40
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		22.80
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		18.00

------- STATION=XIF5302 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.94
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		533.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		78.50
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		19.90
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		27.00
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		18.90
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.07
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		491.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		87.60
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		13.60

--- STATION=XIF5302 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		100.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		72.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.63
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		6532.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		305.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		41.40
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		70.00
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		46.50
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.15
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2347.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		207.30
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		30.00
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		67.90
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		42.00
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.00
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2001.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		184.90
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		25.90

-------- STATION=XIF5427 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		68.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.53
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1120.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		293.70

-------- STATION=XIF5427 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		40.1

---- STATION=XIF5427 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		67.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.34
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1049.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		282.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.00

------- STATION=XIF5501 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		9.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		9.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.48
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		632.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		29.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		7.60
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		10.80
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		9.40
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.54
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		699.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		34.30
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		7.10
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		10.10
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		8.60
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.49
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		547.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		30.10
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		5.60

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIF5501 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		10.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		7.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.43
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		372.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		31.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		5.20
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		26.70
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		20.20
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.12
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1575.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		75.50
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		11.10
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		18.70
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		14.20
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.79
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1159.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		55.70
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		8.50

------- STATION=XIF5505 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		5.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		8.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.31
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		583.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		20.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.00

--- STATION=XIF5505 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		6.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		10.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.26
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		645.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		21.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		3.70

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

-------- STATION=XIF5805 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.39
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1142.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		87.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		11.00
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		43.90
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		31.10
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.90
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1372.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		123.50
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		15.10
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		51.80
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		32.00
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.09
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1809.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		134.40
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		17.30

--- STATION=XIF5805 DATE=92-04-09 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	4	TOTAL CHROMIUM	310	UG/GM-DW		60.30
CORE	1	CHEM CHAR	0	4	TOTAL NICKEL	314	UG/GM-DW		37.90
CORE	1	CHEM CHAR	0	4	TOTAL IRON	312	%-BYWT		2.35
CORE	1	CHEM CHAR	0	4	TOTAL MANGANESE	313	UG/GM-DW		1566.00
CORE	1	CHEM CHAR	0	4	TOTAL ZINC	315	UG/GM-DW		152.10
CORE	1	CHEM CHAR	0	4	TOTAL COPPER	311	UG/GM-DW		23.10
CORE	1	CHEM CHAR	4	8	TOTAL CHROMIUM	310	UG/GM-DW		56.80
CORE	1	CHEM CHAR	4	8	TOTAL NICKEL	314	UG/GM-DW		35.50
CORE	1	CHEM CHAR	4	8	TOTAL IRON	312	%-BYWT		2.35
CORE	1	CHEM CHAR	4	8	TOTAL MANGANESE	313	UG/GM-DW		1207.00
CORE	1	CHEM CHAR	4	8	TOTAL ZINC	315	UG/GM-DW		129.90
CORE	1	CHEM CHAR	4	8	TOTAL COPPER	311	UG/GM-DW		20.90
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		48.70
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		37.20
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		2.17
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		1312.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		109.30
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		17.50
CORE	1	CHEM CHAR	16	20	TOTAL CHROMIUM	310	UG/GM-DW		29.10
CORE	1	CHEM CHAR	16	20	TOTAL NICKEL	314	UG/GM-DW		29.50
CORE	1	CHEM CHAR	16	20	TOTAL IRON	312	%-BYWT		1.13
CORE	1	CHEM CHAR	16	20	TOTAL MANGANESE	313	UG/GM-DW		632.00
CORE	1	CHEM CHAR	16	20	TOTAL ZINC	315	UG/GM-DW		90.60
CORE	1	CHEM CHAR	16	20	TOTAL COPPER	311	UG/GM-DW		12.10
CORE	1	CHEM CHAR	30	34	TOTAL CHROMIUM	310	UG/GM-DW		21.20

--- STATION=XIF5805 DATE=92-04-09 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	30	34	TOTAL NICKEL	314	UG/GM-DW		23.50
CORE	1	CHEM CHAR	30	34	TOTAL IRON	312	%-BYWT		0.84
CORE	1	CHEM CHAR	30	34	TOTAL MANGANESE	313	UG/GM-DW		398.00
CORE	1	CHEM CHAR	30	34	TOTAL ZINC	315	UG/GM-DW		86.50
CORE	1	CHEM CHAR	30	34	TOTAL COPPER	311	UG/GM-DW		10.50
CORE	1	CHEM CHAR	36	39	TOTAL CHROMIUM	310	UG/GM-DW		14.50
CORE	1	CHEM CHAR	36	39	TOTAL NICKEL	314	UG/GM-DW		20.70
CORE	1	CHEM CHAR	36	39	TOTAL IRON	312	%-BYWT		0.52
CORE	1	CHEM CHAR	36	39	TOTAL MANGANESE	313	UG/GM-DW		135.00
CORE	1	CHEM CHAR	36	39	TOTAL ZINC	315	UG/GM-DW		74.00
CORE	1	CHEM CHAR	36	39	TOTAL COPPER	311	UG/GM-DW		7.60

--- STATION=XIF5805 DATE=92-04-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		25.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		15.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.05
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1050.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		65.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		9.80

-------- STATION=XIF5917 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		81.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.78
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1578.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		332.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		33.30

--- STATION=XIF5917 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		100.7
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		70.9

--- STATION=XIF5917 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.59
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1503.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		282.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.50

-------- STATION=XIF5925 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		126.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		91.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.30
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1440.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		391.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		60.60
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		127.50
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		97.60
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.36
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1468.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		418.10
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		63.20
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		134.50
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		110.70
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.38
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1478.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		458.60
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		65.10

--- STATION=XIF5925 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		121.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		86.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.75
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1293.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		367.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		55.40
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		122.60
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		86.60
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		4.84
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		1248.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		373.70

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIF5925 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		54.90
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		121.30
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		104.20
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		4.74
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		1834.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		433.20
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		57.50
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		138.20
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		128.50
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		4.80
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		1758.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		506.90
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		68.70
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		119.90
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		100.60
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		4.77
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		1190.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		385.80
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		65.70
CORE	1	CHEM CHAR	12	16	TOTAL CHROMIUM	310	UG/GM-DW		100.00
CORE	1	CHEM CHAR	12	16	TOTAL NICKEL	314	UG/GM-DW		66.40
CORE	1	CHEM CHAR	12	16	TOTAL IRON	312	%-BYWT		4.54
CORE	1	CHEM CHAR	12	16	TOTAL MANGANESE	313	UG/GM-DW		1133.00
CORE	1	CHEM CHAR	12	16	TOTAL ZINC	315	UG/GM-DW		211.90
CORE	1	CHEM CHAR	12	16	TOTAL COPPER	311	UG/GM-DW		41.30
CORE	1	CHEM CHAR	40	44	TOTAL CHROMIUM	310	UG/GM-DW		99.40
CORE	1	CHEM CHAR	40	44	TOTAL NICKEL	314	UG/GM-DW		38.40
CORE	1	CHEM CHAR	40	44	TOTAL IRON	312	%-BYWT		4.59
CORE	1	CHEM CHAR	40	44	TOTAL MANGANESE	313	UG/GM-DW		1469.00
CORE	1	CHEM CHAR	40	44	TOTAL ZINC	315	UG/GM-DW		109.80
CORE	1	CHEM CHAR	40	44	TOTAL COPPER	311	UG/GM-DW		16.70
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		124.00
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		90.40
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.03
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1356.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		375.60
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		56.00
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		126.60
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		105.30
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.06
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1466.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		442.90
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		61.20

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIF5925 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		18.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		56.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		30000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		2300.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		280.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		38.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DI2ETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0

------- STATION=XIF5925 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

-------- STATION=XIF6008 DATE=91-11-20 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		1.8
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		7.7

-------- STATION=XIF6008 DATE=91-11-20 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.26
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		794.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		12.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		10.80

---- STATION=XIF6008 DATE=92-04-10 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		5.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		8.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.24
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		746.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		18.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		3.00

------- STATION=XIF6388 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		85.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.61
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3478.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		318.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.50

--- STATION=XIF6388 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		106.60
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		77.30
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		4.70
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		4648.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		294.70
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		41.20
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		111.50
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		82.60
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		4.93

--- STATION=XIF6388 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		3266.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		303.70
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		41.50
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		104.70
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		85.90
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		4.74
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		2605.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		328.20
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		45.00
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		108.80
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		81.80
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		4.94
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		2292.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		315.40
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		44.30
CORE	1	CHEM CHAR	30	34	TOTAL CHROMIUM	310	UG/GM-DW		103.90
CORE	1	CHEM CHAR	30	34	TOTAL NICKEL	314	UG/GM-DW		84.70
CORE	1	CHEM CHAR	30	34	TOTAL IRON	312	%-BYWT		4.96
CORE	1	CHEM CHAR	30	34	TOTAL MANGANESE	313	UG/GM-DW		1891.00
CORE	1	CHEM CHAR	30	34	TOTAL ZINC	315	UG/GM-DW		266.50
CORE	1	CHEM CHAR	30	34	TOTAL COPPER	311	UG/GM-DW		57.30
CORE	1	CHEM CHAR	70	74	TOTAL CHROMIUM	310	UG/GM-DW		87.80
CORE	1	CHEM CHAR	70	74	TOTAL NICKEL	314	UG/GM-DW		36.30
CORE	1	CHEM CHAR	70	74	TOTAL IRON	312	%-BYWT		4.17
CORE	1	CHEM CHAR	70	74	TOTAL MANGANESE	313	UG/GM-DW		1187.00
CORE	1	CHEM CHAR	70	74	TOTAL ZINC	315	UG/GM-DW		105.20
CORE	1	CHEM CHAR	70	74	TOTAL COPPER	311	UG/GM-DW		18.60

------- STATION=XIF6407 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		81.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.22
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4665.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		313.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		20.40

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIF6407 DATE=92-04-09 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		99.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		68.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.57
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5142.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		277.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.90

-------- STATION=XIF6417 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		123.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		98.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.27
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2339.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		383.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		59.40

--- STATION=XIF6417 DATE=92-04-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		115.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		80.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.74
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3542.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		309.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		44.50

------- STATION=XIG2964 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		106.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		74.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.86
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2347.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		262.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		57.60

--- STATION=XIG2964 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		92.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		62.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.07
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3621.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		233.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		35.50

------- STATION=XIG2964 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		20.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		53.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		28000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		4200.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		210.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		29.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIZETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1

------- STATION=XIG2964 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100.0

------- STATION=XIG2964 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100.0

------- STATION=XIG3090 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		104.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		81.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.58
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2596.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		295.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		35.00

--- STATION=XIG3090 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=PARTLY CLOUDY ----

39 13 59.2 = 39 13.98667
76 19 59.5 = 76 19.99167

See DNR STATION INFO
10 - 9.9 = 0.1
STATION should be
XIG3901
IF rounded up THE STATION IS XIF4000
X Reference TO MBS
= MBS 30

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		79.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.14
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2933.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		285.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.50

------- STATION=XIG3090 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR --------

XIF4000 MBS30

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		29.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		58.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1

------- STATION=XIG3090 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		33000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		4600.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		250.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		36.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIZETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0

------- STATION=XIG3090 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

------- STATION=XIG3506 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913310 LONG=7620350 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		111.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.88
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2513.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		423.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		54.10

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIG4108 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914060 LONG=7620460 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		129.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		97.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.69
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2764.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		395.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		66.00

--- STATION=XIG4108 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914060 LONG=7620460 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		122.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		95.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.97
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3264.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		392.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		61.40

------- STATION=XIG4408 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		11.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		59.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		30000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		3100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		280.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		34.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DI2ETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

MGS 25 XIF4405 XIF41 44 9.2 39 14.3867 76 20.8050

------- STATION=XIG4408 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0

------- STATION=XIG4408 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200.00
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG	L	0.95
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		68.00
GRAB	2	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.00
GRAB	2	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.10
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		32000.00
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		3400.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		310.00
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		37.00
GRAB	2	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. DIZETHP	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.00
GRAB	2	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.00
GRAB	2	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.00

------- STATION=XIG4408 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	2	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	2	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	2	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	2	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	2	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100.0

------- STATION=XIG4408 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	2	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	2	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	2	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	2	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	2	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100
GRAB	2	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	2	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	2	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

------- STATION=XIG4501 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		114.1
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		96.5
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.4
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2976.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		388.4
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		65.3

--- STATION=XIG4501 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		119.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		97.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.99
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2433.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		398.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		57.60

------- STATION=XIG4505 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620270 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		126.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		135.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.84
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4665.00

------- STATION=XIG4505 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620270 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		556.3
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		64.5

--- STATION=XIG4505 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620270 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		124.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		99.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.98
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2653.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		413.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		53.90

------- STATION=XIG4798 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914410 LONG=7619450 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		97.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.29
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4029.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		390.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		56.50

--- STATION=XIG4798 DATE=92-04-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914410 LONG=7619450 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		111.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		90.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.87
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3147.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		352.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.00

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIG4902 DATE=91-11-20 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914530 LONG=7620130 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		109.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		60.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.25
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1942.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		205.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		52.10

--- STATION=XIG4902 DATE=92-04-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914530 LONG=7620130 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		88.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		36.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.31
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1516.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		126.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		18.20

------- STATION=XIG4995 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619270 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		94.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.28
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3617.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		339.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		56.20

--- STATION=XIG4995 DATE=92-04-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619270 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		118.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		87.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.94
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2749.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		323.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		44.40

------- STATION=XIG4999 DATE=91-11-20 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		122.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		95.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.42
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2546.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		378.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.20

--- STATION=XIG4999 DATE=92-04-10 TIME=0 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		120.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		90.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.09
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2495.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		346.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.50

XIF5302 — MGS 24 see station 2.xls for additional info

------- STATION=XIG5103 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		37.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		67.0
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		33000.0
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		6500.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		310.0
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		36.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIZETHP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.0

------- STATION=XIG5103 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0

------- STATION=XIG5103 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

------- STATION=XIG5295 DATE=91-11-20 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		123.7
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		98.5
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.7
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4132.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		377.3
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		66.2

--- STATION=XIG5295 DATE=92-04-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		95.1
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		71.8
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.2
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2434.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		288.8
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.1

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIG5298 DATE=91-11-20 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619500 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		120.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		100.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.25
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3690.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		380.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.00

--- STATION=XIG5298 DATE=92-04-10 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619500 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		114.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		89.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.84
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2887.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		356.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		52.80

------- STATION=XIG5699 DATE=91-11-20 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		52.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		58.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.08
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1156.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		238.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		51.00
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		75.00
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		59.60
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.00
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1784.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		237.70
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		40.10
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		59.70
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		50.90
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.47
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1583.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		203.50
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		28.00

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIG5699 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		63.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		52.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.71
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1758.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		196.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		24.20
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		63.30
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		54.70
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.78
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1805.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		206.30
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		25.60
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		51.80
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		60.40
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.26
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1013.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		238.90
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		24.60

------- STATION=XIG5699 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	310	MG/KG		0.99
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	MG/KG		46.00
GRAB	1	CHEM CHAR	.	.	PHENOLS	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	1.00
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	MG/KG		24000.00
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	MG/KG		4000.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	MG/KG		210.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	MG/KG		25.00
GRAB	1	CHEM CHAR	.	.	TOTAL DIBUPTH	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOT. DI2ETHP	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	UG/L	L	100.00
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	UG/L	L	100.00

------- STATION=XIG5699 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	INDENO123	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP .	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	CHEM CHAR	.	.	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	D-BHC	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	1.0
GRAB	1	CHEM CHAR	.	.	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	CHEM CHAR	.	.	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	CHEM CHAR	.	.	HEXACHLOROBUTADIENE	318	UG/L	L	100.0

------- STATION=XIG5699 DATE=92-04-09 TIME=0 DEPTH=99 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	BENZIDINE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	CHEM CHAR	.	.	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

------- STATION=XIG5702 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		41.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		30.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.82
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		970.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		116.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		32.40

--- STATION=XIG5702 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		41.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		27.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.53
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		765.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		110.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		15.00

------- STATION=XIG5788 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7618450 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		78.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.23
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3546.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		277.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.50

--- STATION=XIG5788 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7618450 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		111.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		79.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.96
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3249.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		285.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		41.90

------- STATION=XIG5792 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7619130 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		106.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		87.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.04
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		7127.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		312.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		30.90

--- STATION=XIG5792 DATE=92-04-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7619130 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		107.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		73.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.91
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4557.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		282.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		38.10

------- STATION=XIG5990 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915510 LONG=7619590 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		62.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		50.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.52
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1538.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		186.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		22.50

------- STATION=XIG6183 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916050 LONG=7618150 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		77.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.28
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3810.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		268.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.00

--- STATION=XIG6183 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916050 LONG=7618150 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		104.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		74.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.72
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3148.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		263.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		39.60

------- STATION=XIG6394 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619260 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		109.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		87.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.26
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3856.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		323.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.50

--- STATION=XIG6394 DATE=92-04-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619260 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		84.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.84
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3465.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		322.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.00

------- STATION=XIG6809 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		123.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		86.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.42
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3507.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		322.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		58.40

--- STATION=XIG6809 DATE=92-04-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		120.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		81.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.69
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2007.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		324.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.00

------- STATION=XIG6984 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916530 LONG=7618260 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		82.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.09
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3745.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		301.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.70

--- STATION=XIG6984 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916530 LONG=7618260 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		110.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		77.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.64
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2705.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		277.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.30

------- STATION=XIG6998 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		110.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		89.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.86
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2402.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		337.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		52.20

--- STATION=XIG6998 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		114.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		87.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.64
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2678.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		333.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.00

------- STATION=XIG7501 DATE=91-11-20 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917280 LONG=7620060 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		117.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		84.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.22
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3637.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		308.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		55.00

11TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIG7501 DATE=92-04-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917280 LONG=7620060 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		32.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		21.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.37
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		732.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		96.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		12.60

-------- STATION=XIG7589 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		17.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		15.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.84
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		314.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		51.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		25.00

---- STATION=XIG7589 DATE=92-04-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		28.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		18.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.28
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		513.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		71.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		12.30

------- STATION=XIF2038 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.46
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.26
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		38.30
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.44

--- STATION=XIF2038 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.34
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.40
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.96
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.65

------- STATION=XIF2229 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.45
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.47
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		36.79
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.74

--- STATION=XIF2229 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.31
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		6.98
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		36.79
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.24

------- STATION=XIF2715 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.18
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.65

------- STATION=XIF2715 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.52
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.83

--- STATION=XIF2715 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.44
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.77
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.09
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.14

------- STATION=XIF2723 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912425 LONG=7622189 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		51.84
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.67
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.01
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.32

--- STATION=XIF2723 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912425 LONG=7622189 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		68.18
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.19
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.00
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.80

------- STATION=XIF3012 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913577 LONG=7621108 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		50.23
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.70
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.02

------- STATION=XIF3012 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913577 LONG=7621108 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.29

--- STATION=XIF3012 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913577 LONG=7621108 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		53.04
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.62
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.97
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.40

------- STATION=XIF3064 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		53.65
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.42
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.21
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.38

--- STATION=XIF3064 DATE=92-04-09 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.03
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.02
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.70
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.29

------- STATION=XIF3225 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.62
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.44
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.53
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.03

--- STATION=XIF3225 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.57
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.51
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.13
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.36

-------- STATION=XIF3246 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913090 LONG=7624340 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		21.29
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		90.26
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		3.63
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		6.11

---- STATION=XIF3246 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3913090 LONG=7624340 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		22.46
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		87.64
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		5.39
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		6.97

------- STATION=XIF3430 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		45.47
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		38.04
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		27.92
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		34.05

--- STATION=XIF3430 DATE=92-04-09 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		26.11
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		86.69

--- STATION=XIF3430 DATE=92-04-09 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		6.03
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		7.28

------- STATION=XIF3620 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		52.56
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.99
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.24
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.77

--- STATION=XIF3620 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.31
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.27
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.15
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.45

-------- STATION=XIF3638 DATE=91-11-20 TIME=0 DEPTH=4 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		22.53
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		98.05
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		0.80
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.15

---- STATION=XIF3638 DATE=92-04-09 TIME=0 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		22.43
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		97.75
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		0.95

---- STATION=XIF3638 DATE=92-04-09 TIME=0 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.3

------- STATION=XIF4016 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		50.25
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.80
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.16
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.04

--- STATION=XIF4016 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.70
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.02
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.15
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.83

------- STATION=XIF4024 DATE=91-11-20 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		48.55
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.34
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		37.64
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		62.01

--- STATION=XIF4024 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		64.00
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		4.83
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		47.84
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		47.34

--- STATION=XIF4024 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		54.57
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		1.28
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		41.17
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		57.55
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		59.31
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		3.08
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		39.49
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		57.43
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		59.46
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		3.75
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		38.64
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		57.61
CORE	1	PHYS CHAR	16	20	WATER CONTENT	180	%-BYWT		53.81
CORE	1	PHYS CHAR	16	20	SAND	180	%-BYWT		3.70
CORE	1	PHYS CHAR	16	20	SILT	180	%-BYWT		39.16
CORE	1	PHYS CHAR	16	20	CLAY	180	%-BYWT		57.14
CORE	1	PHYS CHAR	32	36	WATER CONTENT	180	%-BYWT		55.18
CORE	1	PHYS CHAR	32	36	SAND	180	%-BYWT		1.50
CORE	1	PHYS CHAR	32	36	SILT	180	%-BYWT		43.39
CORE	1	PHYS CHAR	32	36	CLAY	180	%-BYWT		55.11
CORE	1	PHYS CHAR	56	60	WATER CONTENT	180	%-BYWT		62.36
CORE	1	PHYS CHAR	56	60	SAND	180	%-BYWT		2.07
CORE	1	PHYS CHAR	56	60	SILT	180	%-BYWT		38.06
CORE	1	PHYS CHAR	56	60	CLAY	180	%-BYWT		59.87

------- STATION=XIF4126 DATE=91-11-20 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.46
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.64
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		56.00
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		40.36

--- STATION=XIF4126 DATE=92-04-09 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		53.79
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		5.57
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		54.56
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		39.87

11TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIF4221 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.54
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.75
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		47.68
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		50.57

--- STATION=XIF4221 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.86
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		6.75
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		46.88
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		46.37

------- STATION=XIF4285 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		54.91
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.80
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		36.99
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		61.20

--- STATION=XIF4285 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		55.44
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		1.79
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		37.43
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		60.78
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		61.25
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		0.70
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		40.15
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		59.15
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		61.59
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		0.81
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		41.70
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		57.49
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		61.83
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		0.98

--- STATION=XIF4285 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		40.57
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		58.44
CORE	1	PHYS CHAR	20	24	WATER CONTENT	180	%-BYWT		55.64
CORE	1	PHYS CHAR	20	24	SAND	180	%-BYWT		1.33
CORE	1	PHYS CHAR	20	24	SILT	180	%-BYWT		42.94
CORE	1	PHYS CHAR	20	24	CLAY	180	%-BYWT		55.74
CORE	1	PHYS CHAR	60	64	WATER CONTENT	180	%-BYWT		59.24
CORE	1	PHYS CHAR	60	64	SAND	180	%-BYWT		0.79
CORE	1	PHYS CHAR	60	64	SILT	180	%-BYWT		40.72
CORE	1	PHYS CHAR	60	64	CLAY	180	%-BYWT		58.50
CORE	1	PHYS CHAR	86	90	WATER CONTENT	180	%-BYWT		59.20
CORE	1	PHYS CHAR	86	90	SAND	180	%-BYWT		0.84
CORE	1	PHYS CHAR	86	90	SILT	180	%-BYWT		39.73
CORE	1	PHYS CHAR	86	90	CLAY	180	%-BYWT		59.44

------- STATION=XIF4317 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.91
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.38
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.44
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.19

--- STATION=XIF4317 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		46.37
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.27
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.82
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		51.91

------- STATION=XIF4405 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.23
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.95
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.78

------- STATION=XIF4405 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.27
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.03
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		1.63
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		40.65
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.72
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.66
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		1.22
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		42.43
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.35

--- STATION=XIF4405 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.99
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.43
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.57
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		60.02
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		1.91
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		41.15
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		56.94
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		63.08
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		0.63
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		46.90
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		52.46
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		61.96
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		1.32
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		42.16
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		56.52
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		56.12
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		1.22
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		43.51
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		55.27
CORE	1	PHYS CHAR	40	44	WATER CONTENT	180	%-BYWT		55.80
CORE	1	PHYS CHAR	40	44	SAND	180	%-BYWT		0.58
CORE	1	PHYS CHAR	40	44	SILT	180	%-BYWT		38.13
CORE	1	PHYS CHAR	40	44	CLAY	180	%-BYWT		61.29
CORE	1	PHYS CHAR	66	70	WATER CONTENT	180	%-BYWT		58.49
CORE	1	PHYS CHAR	66	70	SAND	180	%-BYWT		0.41
CORE	1	PHYS CHAR	66	70	SILT	180	%-BYWT		41.28
CORE	1	PHYS CHAR	66	70	CLAY	180	%-BYWT		58.31
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.70
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		2.90
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		41.32
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.66
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.03

--- STATION=XIF4405 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		2.87
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		41.43
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.70

------- STATION=XIF4411 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7621070 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.44
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.19
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.85
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.96

--- STATION=XIF4411 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7621070 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.07
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.18
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.72
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.10

------- STATION=XIF4609 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.18
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.71
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.79
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.51

--- STATION=XIF4609 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.96
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.56

11TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA
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RESOURCE MONITORING DATABASE

--- STATION=XIF4609 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		38.45
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.99

------- STATION=XIF4615 DATE=91-11-20 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		50.72
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		8.17
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		53.10
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		38.73
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.88
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		3.56
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		56.79
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		39.65
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		40.93
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		2.35
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		60.53
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		37.12

--- STATION=XIF4615 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		43.14
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		14.45
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		47.34
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		38.21
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		58.27
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		15.90
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		46.71
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		37.39
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		59.54
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		11.17
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		49.46
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		39.38
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		56.78
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		9.49
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		51.32
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		39.20
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		52.48
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		3.94
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		54.82

--- STATION=XIF4615 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		41.25
CORE	1	PHYS CHAR	14	18	WATER CONTENT	180	%-BYWT		42.18
CORE	1	PHYS CHAR	14	18	SAND	180	%-BYWT		2.90
CORE	1	PHYS CHAR	14	18	SILT	180	%-BYWT		57.89
CORE	1	PHYS CHAR	14	18	CLAY	180	%-BYWT		39.21
CORE	1	PHYS CHAR	40	44	WATER CONTENT	180	%-BYWT		56.14
CORE	1	PHYS CHAR	40	44	SAND	180	%-BYWT		2.88
CORE	1	PHYS CHAR	40	44	SILT	180	%-BYWT		41.82
CORE	1	PHYS CHAR	40	44	CLAY	180	%-BYWT		55.30
CORE	1	PHYS CHAR	64	68	WATER CONTENT	180	%-BYWT		54.32
CORE	1	PHYS CHAR	64	68	SAND	180	%-BYWT		3.04
CORE	1	PHYS CHAR	64	68	SILT	180	%-BYWT		37.61
CORE	1	PHYS CHAR	64	68	CLAY	180	%-BYWT		59.35
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.29
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		11.20
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		47.45
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		41.35
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.69
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		17.11
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		46.19
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		36.70

------- STATION=XIF4642 DATE=91-11-20 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		41.19
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		44.34
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		33.41
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		22.25

--- STATION=XIF4642 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		45.39
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		47.29
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		26.78
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		25.93

11TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

------- STATION=XIF4703 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.39
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.35
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.93
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.72

--- STATION=XIF4703 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		58.55
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		3.37
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		44.20
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		52.44
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		57.97
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		2.46
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		42.62
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		54.92
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		56.69
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		3.03
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		44.13
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		52.83
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		56.70
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		1.76
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		41.92
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		56.31
CORE	1	PHYS CHAR	30	34	WATER CONTENT	180	%-BYWT		58.82
CORE	1	PHYS CHAR	30	34	SAND	180	%-BYWT		0.94
CORE	1	PHYS CHAR	30	34	SILT	180	%-BYWT		37.46
CORE	1	PHYS CHAR	30	34	CLAY	180	%-BYWT		61.60
CORE	1	PHYS CHAR	54	58	WATER CONTENT	180	%-BYWT		59.20
CORE	1	PHYS CHAR	54	58	SAND	180	%-BYWT		1.65
CORE	1	PHYS CHAR	54	58	SILT	180	%-BYWT		42.03
CORE	1	PHYS CHAR	54	58	CLAY	180	%-BYWT		56.32

--- STATION=XIF4703 DATE=92-04-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.79
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.66
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.51
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.83

------- STATION=XIF4806 DATE=91-11-20 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.09
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.82
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.47
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.71

--- STATION=XIF4806 DATE=92-04-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		53.35
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		8.08
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		38.65
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.27

-------- STATION=XIF4964 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.24
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.24
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		53.88
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		42.88

---- STATION=XIF4964 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		61.49
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		4.73
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		52.67
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		42.61
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		58.95
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		3.74
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		55.44
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		40.81
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		59.08
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		2.40
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		58.70
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		38.90
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		62.37
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		1.80

---- STATION=XIF4964 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		54.79
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		43.41
CORE	1	PHYS CHAR	20	24	WATER CONTENT	180	%-BYWT		64.08
CORE	1	PHYS CHAR	20	24	SAND	180	%-BYWT		3.32
CORE	1	PHYS CHAR	20	24	SILT	180	%-BYWT		46.23
CORE	1	PHYS CHAR	20	24	CLAY	180	%-BYWT		50.44
CORE	1	PHYS CHAR	44	48	WATER CONTENT	180	%-BYWT		65.00
CORE	1	PHYS CHAR	44	48	SAND	180	%-BYWT		1.31
CORE	1	PHYS CHAR	44	48	SILT	180	%-BYWT		50.79
CORE	1	PHYS CHAR	44	48	CLAY	180	%-BYWT		47.89
CORE	1	PHYS CHAR	58	62	WATER CONTENT	180	%-BYWT		68.31
CORE	1	PHYS CHAR	58	62	SAND	180	%-BYWT		2.86
CORE	1	PHYS CHAR	58	62	SILT	180	%-BYWT		44.33
CORE	1	PHYS CHAR	58	62	CLAY	180	%-BYWT		52.81

-------- STATION=XIF5009 DATE=91-11-20 TIME=0 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		36.31
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		64.04
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		23.79
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		12.17

--- STATION=XIF5009 DATE=92-04-09 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		31.50
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		41.80
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		31.03
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		27.17

------- STATION=XIF5203 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		27.24
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		93.24
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		2.76

------- STATION=XIF5203 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		3.99

--- STATION=XIF5203 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		23.50
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		94.61
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		2.20
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		3.19

-------- STATION=XIF5232 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.15
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.96
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		49.28
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		47.75

---- STATION=XIF5232 DATE=92-04-09 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.93
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		5.38
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.91
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		50.71

------- STATION=XIF5302 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		29.39
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		75.69
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		8.29
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		11.25

------- STATION=XIF5302 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		30.92
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		80.01
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		8.53
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		11.46
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		31.49
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		80.46
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		10.30
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		14.02

See Page 170-171

--- STATION=XIF5302 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		38.08
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		10.24
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		19.43
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		26.09
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		47.16
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		41.85
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		24.61
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		33.54
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.78
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		54.48
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		37.76
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		52.00

-------- STATION=XIF5427 DATE=91-11-20 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.37
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		5.22
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.29
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		50.49

---- STATION=XIF5427 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.79

---- STATION=XIF5427 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.11
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.41
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.49

------- STATION=XIF5501 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		22.23
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		94.95
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		2.15
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		2.90
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		20.51
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		89.76
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		4.11
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		6.13
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		27.28
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		91.37
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		3.45
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		5.18

--- STATION=XIF5501 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		20.52
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		94.54
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		2.41
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		3.05
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		27.75
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		89.60
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		4.17
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		6.23
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		27.17
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		88.69
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		4.41
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		6.91

------- STATION=XIF5505 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		22.12
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		96.65
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		1.90
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.44

--- STATION=XIF5505 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		20.83
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		96.06
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		1.70
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		2.23

-------- STATION=XIF5722 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		46.72
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		18.96
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		25.32
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		25.61
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		47.95
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		38.50
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		28.32
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		33.18
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		53.60
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		49.07
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		40.63
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		40.40

---- STATION=XIF5722 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		45.82
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		28.98
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		30.81
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		34.92
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		46.24
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		29.97

---- STATION=XIF5722 DATE=92-04-09 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		31.62
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		37.66
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		54.56
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		31.53
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		35.11
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		39.40

-------- STATION=XIF5805 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		43.12
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		64.18
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		16.66
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		19.16
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		31.46
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		73.51
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		13.25
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		13.24
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		30.39
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		76.82
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		11.32
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		11.86

--- STATION=XIF5805 DATE=92-04-09 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	4	WATER CONTENT	180	%-BYWT		41.42
CORE	1	PHYS CHAR	0	4	SAND	180	%-BYWT		49.38
CORE	1	PHYS CHAR	0	4	SILT	180	%-BYWT		22.50
CORE	1	PHYS CHAR	0	4	CLAY	180	%-BYWT		28.11
CORE	1	PHYS CHAR	4	8	WATER CONTENT	180	%-BYWT		41.52
CORE	1	PHYS CHAR	4	8	SAND	180	%-BYWT		45.57
CORE	1	PHYS CHAR	4	8	SILT	180	%-BYWT		30.47
CORE	1	PHYS CHAR	4	8	CLAY	180	%-BYWT		23.96
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		40.63
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		51.48
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		29.02
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		19.50
CORE	1	PHYS CHAR	16	20	WATER CONTENT	180	%-BYWT		32.14
CORE	1	PHYS CHAR	16	20	SAND	180	%-BYWT		84.72
CORE	1	PHYS CHAR	16	20	SILT	180	%-BYWT		6.92

--- STATION=XIF5805 DATE=92-04-09 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	16	20	CLAY	180	%-BYWT		8.37
CORE	1	PHYS CHAR	30	34	WATER CONTENT	180	%-BYWT		31.85
CORE	1	PHYS CHAR	30	34	SAND	180	%-BYWT		91.03
CORE	1	PHYS CHAR	30	34	SILT	180	%-BYWT		4.40
CORE	1	PHYS CHAR	30	34	CLAY	180	%-BYWT		4.57
CORE	1	PHYS CHAR	36	39	WATER CONTENT	180	%-BYWT		23.94
CORE	1	PHYS CHAR	36	39	SAND	180	%-BYWT		94.34
CORE	1	PHYS CHAR	36	39	SILT	180	%-BYWT		2.90
CORE	1	PHYS CHAR	36	39	CLAY	180	%-BYWT		2.76

--- STATION=XIF5805 DATE=92-04-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		20.65
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		89.17
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		5.36
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		5.38

-------- STATION=XIF5917 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.89
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.68
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.62
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.70

--- STATION=XIF5917 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.50
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.89
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.71
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.40

-------- STATION=XIF5925 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.36
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.53
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.24
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.52
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.61
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		2.64
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		42.49
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.75
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.18
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		2.76
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		42.95
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.12

--- STATION=XIF5925 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.72
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.26
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		38.43
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.31
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		61.47
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		2.25
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		40.40
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		57.34
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		62.46
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		2.24
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		41.06
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		56.70
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		61.09
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		2.57
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		43.61
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		53.81
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		56.36
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		2.73
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		42.27
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		55.00
CORE	1	PHYS CHAR	12	16	WATER CONTENT	180	%-BYWT		55.14
CORE	1	PHYS CHAR	12	16	SAND	180	%-BYWT		4.27
CORE	1	PHYS CHAR	12	16	SILT	180	%-BYWT		40.81
CORE	1	PHYS CHAR	12	16	CLAY	180	%-BYWT		54.92
CORE	1	PHYS CHAR	40	44	WATER CONTENT	180	%-BYWT		61.93
CORE	1	PHYS CHAR	40	44	SAND	180	%-BYWT		1.60
CORE	1	PHYS CHAR	40	44	SILT	180	%-BYWT		40.58
CORE	1	PHYS CHAR	40	44	CLAY	180	%-BYWT		57.82
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.35
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		2.54

11TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

--- STATION=XIF5925 DATE=92-04-09 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		38.91
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.55
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.90
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		2.27
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		39.39
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.34

-------- STATION=XIF6008 DATE=91-11-20 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		19.77
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		96.25
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		1.76
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.94

---- STATION=XIF6008 DATE=92-04-10 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		20.79
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		97.59
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		1.15
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.15

------- STATION=XIF6388 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		65.88
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.23
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.42
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.35

--- STATION=XIF6388 DATE=92-04-09 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		58.23
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		1.51
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		41.13
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		57.36
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		59.94
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		1.81
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		37.38
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		60.81
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		58.13
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		2.87
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		42.05
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		55.07
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		56.79
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		2.57
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		39.35
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		58.08
CORE	1	PHYS CHAR	30	34	WATER CONTENT	180	%-BYWT		55.32
CORE	1	PHYS CHAR	30	34	SAND	180	%-BYWT		1.70
CORE	1	PHYS CHAR	30	34	SILT	180	%-BYWT		41.32
CORE	1	PHYS CHAR	30	34	CLAY	180	%-BYWT		56.98
CORE	1	PHYS CHAR	70	74	WATER CONTENT	180	%-BYWT		60.65
CORE	1	PHYS CHAR	70	74	SAND	180	%-BYWT		2.03
CORE	1	PHYS CHAR	70	74	SILT	180	%-BYWT		40.28
CORE	1	PHYS CHAR	70	74	CLAY	180	%-BYWT		57.69

------- STATION=XIF6407 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.96
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.55
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.64
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.81

--- STATION=XIF6407 DATE=92-04-09 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.26
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.60
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		46.83
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		49.57

-------- STATION=XIF6417 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.36
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.89
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.25
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.86

--- STATION=XIF6417 DATE=92-04-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.32
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.03
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.89
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.08

------- STATION=XIG2964 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		53.09
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.93
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		55.68
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		40.39

--- STATION=XIG2964 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.66
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		6.61
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		56.10
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		37.29

------- STATION=XIG3090 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.89
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.79

------- STATION=XIG3090 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.32
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.89

--- STATION=XIG3090 DATE=92-04-09 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.49
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.79
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.70
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.51

------- STATION=XIG3506 DATE=91-11-20 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913310 LONG=7620350 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		52.12
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.85
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.70
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		52.08

------- STATION=XIG4108 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914060 LONG=7620460 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.36
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.83
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.42
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.75

--- STATION=XIG4108 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914060 LONG=7620460 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		54.7
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.5
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.2

--- STATION=XIG4108 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914060 LONG=7620460 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.3

------- STATION=XIG4501 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.79
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.16
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.32
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.52

--- STATION=XIG4501 DATE=92-04-09 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.26
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.25
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.44
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.30

------- STATION=XIG4505 DATE=91-11-20 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620270 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.90
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.66
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.71
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.63

--- STATION=XIG4505 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620270 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.67
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.54
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.94
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.52

------- STATION=XIG4798 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914410 LONG=7619450 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.92
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.72
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		47.46
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		51.81

--- STATION=XIG4798 DATE=92-04-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914410 LONG=7619450 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.37
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.72
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.72
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.55

------- STATION=XIG4902 DATE=91-11-20 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914530 LONG=7620130 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.41
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.71
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		33.53
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		64.76

--- STATION=XIG4902 DATE=92-04-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914530 LONG=7620130 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		20.67
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		23.11
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		31.68
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		45.22

------- STATION=XIG4995 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619270 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		54.46
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.97

------- STATION=XIG4995 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619270 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.14
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.89

--- STATION=XIG4995 DATE=92-04-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619270 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.84
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.81
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.67
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.52

------- STATION=XIG4999 DATE=91-11-20 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.42
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.56
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.69
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.75

--- STATION=XIG4999 DATE=92-04-10 TIME=0 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.33
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.20
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.70
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.11

------- STATION=XIG5295 DATE=91-11-20 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.77
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.65
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.49

------- STATION=XIG5295 DATE=91-11-20 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.86

--- STATION=XIG5295 DATE=92-04-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		52.18
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		19.83
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		33.85
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		46.32

------- STATION=XIG5298 DATE=91-11-20 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619500 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.76
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.16
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.95
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.89

--- STATION=XIG5298 DATE=92-04-10 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619500 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.95
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.55
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.15
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.29

------- STATION=XIG5699 DATE=91-11-20 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		32.10
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		62.12
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		15.95
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		21.93

------- STATION=XIG5699 DATE=91-11-20 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		37.28
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		55.91
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		18.07
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		26.02
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		26.97
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		71.25
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		11.88
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		16.87

--- STATION=XIG5699 DATE=92-04-09 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		36.27
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		60.61
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		16.59
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		22.80
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		34.48
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		64.77
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		14.71
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		20.52
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		39.67
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		66.99
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		13.80
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		19.21

------- STATION=XIG5702 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		34.79
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		75.81
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		9.92
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		14.27

--- STATION=XIG5702 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		30.71

--- STATION=XIG5702 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		80.52
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		8.51
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		10.97

------- STATION=XIG5788 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7618450 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		66.11
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.18
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		44.79
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.03

--- STATION=XIG5788 DATE=92-04-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7618450 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.76
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.28
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.72
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.01

------- STATION=XIG5792 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7619130 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.26
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.33
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.57
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.10

--- STATION=XIG5792 DATE=92-04-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7619130 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		65.52
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.05

--- STATION=XIG5792 DATE=92-04-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7619130 TIDE= WEATHER=PARTLY CLOUDY ----
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.85
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.10

------- STATION=XIG5990 DATE=91-11-20 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915510 LONG=7619590 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		36.41
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		58.43
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		17.00
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		24.57

------- STATION=XIG6183 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916050 LONG=7618150 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.90
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.09
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		46.02
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.89

--- STATION=XIG6183 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916050 LONG=7618150 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		69.40
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.80
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.93
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.27

------- STATION=XIG6394 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619260 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		65.01
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.36
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.57

------- STATION=XIG6394 DATE=91-11-20 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619260 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		60.07

--- STATION=XIG6394 DATE=92-04-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619260 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		65.14
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.23
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.90
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.87

------- STATION=XIG6809 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.99
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.08
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		38.96
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		60.95
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		60.95

--- STATION=XIG6809 DATE=92-04-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		67.85
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.79
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.30
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.91

------- STATION=XIG6984 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916530 LONG=7618260 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.56
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.01
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		46.78

------- STATION=XIG6984 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916530 LONG=7618260 TIDE= WEATHER=CLEAR --------
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		52.21

--- STATION=XIG6984 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916530 LONG=7618260 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.67
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.11
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.81
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.08

------- STATION=XIG6998 DATE=91-11-20 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.24
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.45
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.57
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.98

--- STATION=XIG6998 DATE=92-04-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.86
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.45
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.76
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.79

------- STATION=XIG7501 DATE=91-11-20 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917280 LONG=7620060 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.76
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		7.92
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		37.30
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.78

11TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

-------- STATION=XIG7589 DATE=91-11-20 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=CLEAR --------

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.29
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		87.17
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		5.84
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		5.79

---- STATION=XIG7589 DATE=92-04-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		26.89
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		87.01
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		6.05
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		6.94

11TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

----- STATION=XIF3520 DATE=92-04-06 TIME=1051 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3913280 LONG=7622590 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHROMIUM	288	MG/KG	L	2
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NICKEL	291	MG/KG	L	4
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL IRON	316	MG/KG		220
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MANGANESE	317	MG/KG		85
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ZINC	294	MG/KG		41
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL COPPER	289	MG/KG		18

----- STATION=XIF4110 DATE=92-04-06 TIME=1435 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914660 LONG=7621610 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		4.3
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		260.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		24.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		25.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.5
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0

11TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

----- STATION=XIF4110 DATE=92-04-06 TIME=1435 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914660 LONG=7621610 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM		318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100.0

----- STATION=XIF4110 DATE=92-04-06 TIME=1435 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914660 LONG=7621610 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100.0

----- STATION=XIF4423 DATE=92-04-06 TIME=1200 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914240 LONG=7622790 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		5.7
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		310.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		41.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		28.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.6

----- STATION=XIF4523 DATE=92-04-06 TIME=1143 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7622790 TIDE=EBB WEATHER=CLEAR ------

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		9.5
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		130.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		26.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		18.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.4
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHROMIUM	288	MG/KG	L	2.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NICKEL	291	MG/KG	L	3.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL IRON	316	MG/KG		280.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MANGANESE	317	MG/KG		120.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ZINC	294	MG/KG		39.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL COPPER	289	MG/KG		28.0

----- STATION=XIF4811 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914480 LONG=7621050 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		2.7
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.1

11TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

cont. ----- STATION=XIF4811 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914480 LONG=7621050 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		31.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		2.9
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		21.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.5
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BISZETHHEX PHTAL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100.0

34 1-2 (46)

11TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

cont.

----- STATION=XIF4811 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914480 LONG=7621050 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROBUTADIENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-NITROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLORONAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,6-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG	L	4.5
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		250.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		27.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		38.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		2.7
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0

11TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA
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RESOURCE MONITORING DATABASE

----- STATION=XIF4811 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914480 LONG=7621050 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.2
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	NITROBENZENE	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	ISOPHORONE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0

cont:

----- STATION=XIF4811 DATE=92-04-06 TIME=1235 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914480 LONG=7621050 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-NITROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

----- STATION=XIG2569 DATE=92-04-06 TIME=1403 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912880 LONG=7616520 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		5.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		68.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		6.9
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		17.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.9
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHROMIUM	288	MG/KG	L	2.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NICKEL	291	MG/KG	L	3.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL IRON	316	MG/KG		1300.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MANGANESE	317	MG/KG		140.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ZINC	294	MG/KG		50.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL COPPER	289	MG/KG		7.7

----- STATION=XIG4103 DATE=92-04-06 TIME=1254 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620180 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		4.6
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.1

cont---- STATION=XIG4103 DATE=92-04-06 TIME=1254 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620180 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		57.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		7.5
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		21.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		2.3
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0

cont.

----- STATION=XIG4103 DATE=92-04-06 TIME=1254 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620180 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	NITROBENZENE	318	UG/L	L	200
GRAB	1	BIOTA	BRACKISH WATER CLAM	ISOPHORONE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

89

----- STATION=XIG5104 DATE=92-04-06 TIME=1541 DEPTH=6 COUNTY=BA BASIN=2139997 LAT=3915650 LONG=7620850 TIDE=EBB WEATHER=CLEAR ------

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		5.6
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.1

cont

----- STATION=XIG5104 DATE=92-04-06 TIME=1541 DEPTH=6 COUNTY=BA BASIN=2139997 LAT=3915650 LONG=7620850 TIDE=EBB WEATHER=CLEAR ------
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		35.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		4.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		19.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.5
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100.0

11TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

----- STATION=XIG5104 DATE=92-04-06 TIME=1541 DEPTH=6 COUNTY=BA BASIN=2139997 LAT=3915650 LONG=7620850 TIDE=EBB WEATHER=CLEAR ------
(continued)

cont.

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROBUTADIENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROPHENOL	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-NITROPHENOL	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLORONAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,6-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	1000.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2-DIPHENYLHYDRAZINE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		210.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		22.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		23.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.6

----- STATION=XIG5569 DATE=92-04-06 TIME=1403 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915880 LONG=7616560 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHROMIUM	288	MG/KG	L	1
GRAB	1	BIOTA	MACOMA SP.	TOTAL NICKEL	291	MG/KG	L	2
GRAB	1	BIOTA	MACOMA SP.	TOTAL IRON	316	MG/KG		310
GRAB	1	BIOTA	MACOMA SP.	TOTAL MANGANESE	317	MG/KG		140
GRAB	1	BIOTA	MACOMA SP.	TOTAL ZINC	294	MG/KG		54
GRAB	1	BIOTA	MACOMA SP.	TOTAL COPPER	289	MG/KG		31

----- STATION=XIG5601 DATE=92-04-06 TIME=1527 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915360 LONG=7620640 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	2.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		4.5
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		170.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		26.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		19.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.9
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.0

51

cont ----- STATION=XIG5601 DATE=92-04-06 TIME=1527 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915360 LONG=7620640 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	NITROBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ISOPHORONE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROBUTADIENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-NITROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLORONAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,6-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROTOLUENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	2.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG	L	3.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.1

cont.

----- STATION=XIG5601 DATE=92-04-06 TIME=1527 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915360 LONG=7620640 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		250.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		26.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		29.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		1.9
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0

cont.

----- STATION=XIG5601 DATE=92-04-06 TIME=1527 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915360 LONG=7620640 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	NITROBENZENE	318	UG/L	L	200
GRAB	2	BIOTA	BRACKISH WATER CLAM	ISOPHORONE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-NITROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	2	BIOTA	BRACKISH WATER CLAM	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100

----- STATION=XIG7091 DATE=92-04-06 TIME=1601 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917010 LONG=7619040 TIDE=EBB WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	288	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	291	MG/KG		13.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENOLS	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	316	MG/KG		43.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	317	MG/KG		13.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	294	MG/KG		29.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	289	MG/KG		2.1

CONT

----- STATION=XIG7091 DATE=92-04-06 TIME=1601 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917010 LONG=7619040 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BZGHIP	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHA	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	METHOXCHLOR	319	MG/KG	L	50.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULPHAN	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXCHLORBENZENE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	D-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN II	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDRIN ALDHYDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	ENDOSULFAN SULPHATE	319	MG/KG	L	0.1
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLOROPHENOL	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITRODIMETHYLAMINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS-(2-CHLOROETHYL) ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,3-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,4-DICHLOROBENZENE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2-DICHLORBENZINE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLORISOPROPYL)ETHER	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSO-DI-N-PROPYLAMINE	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROETHANE	318	UG/L	L	100.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-NITROPHENOL	318	UG/L	L	200.0
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DIMETHYLPHENOL	318	UG/L	L	100.0

11TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING
RESOURCE MONITORING DATABASE

cont.

----- STATION=XIG7091 DATE=92-04-06 TIME=1601 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917010 LONG=7619040 TIDE=EBB WEATHER=CLEAR -----
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DICHLROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLORO-3-METHPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	NITROBENZENE	318	UG/L	L	200
GRAB	1	BIOTA	BRACKISH WATER CLAM	ISOPHORONE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS(2-CHLOROETHOXY) METHANE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2,4-TRICHLOROBENZENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROBUTADIENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4,6-TRICHLOROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-NITROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	HEXACHLOROCYCLOPENTADIENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2-CHLORONAPTHALENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,6-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	2,4-DINITROTOLUENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-CHLOROPHENYL PHENYL ESTER	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4,6-DINITRO-2-METHYLPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	PENTACHLOROPHENOL	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	N-NITROSODIPHENYLAMINE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	4-BROMOPHENYL PHENYL ETHER	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZIDINE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	3,3-DICHLORBENZIDINE	318	UG/L	L	200
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	UG/L	L	100
GRAB	1	BIOTA	BRACKISH WATER CLAM	1,2 DIPHENYLHYDRAZINE	318	UG/L	L	100