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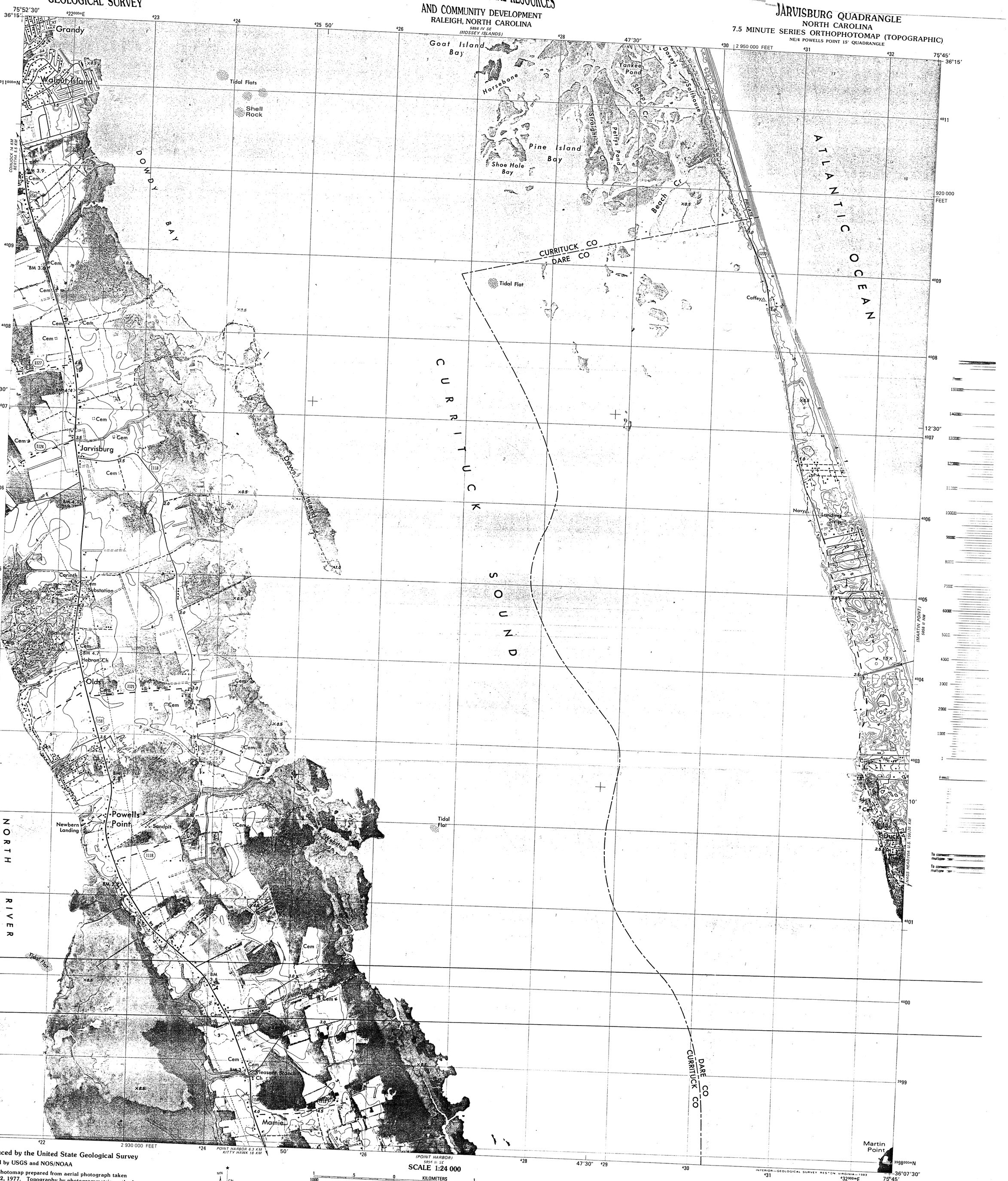
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF NORTH CAROLINA
DEPARTMENT OF NATURAL RESOURCES
AND COMMUNITY DEVELOPMENT
RALEIGH, NORTH CAROLINA

JARVISBURG QUADRANGLE
NORTH CAROLINA
7.5 MINUTE SERIES ORTHOPHOTOMAP (TOPOGRAPHIC)
NE/4 POWELLS POINT 15' QUADRANGLE



Produced by the United States Geological Survey
Control by USGS and NOS/NOAA

Orthophotomap prepared from aerial photograph taken March 2, 1977. Topography by photogrammetric methods from aerial photographs taken 1975 and planetable surveys 1980. Field checked 1977. Map edited 1982

Selected hydrographic data compiled from NOS chart 12204 (1981)
This information is not intended for navigational purposes

Projection and 10,000-foot grid ticks: North Carolina coordinate system (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 18
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 11 meters south and 31 meters west as shown by dashed corner ticks

MN GN 9° 160 MILS 0°29' 9 MILS
UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
KILOMETERS · METERS · MILES · FEET

CONTOUR INTERVAL 2 METERS
SUPPLEMENTARY CONTOUR INTERVAL 1 METER
DASHED SUPPLEMENTARY CONTOURS ARE APPROXIMATE
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
DEPTH CURVES AND SOUNDINGS IN METERS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1.1 METERS IN THE ATLANTIC OCEAN AND 0.2 METER IN CURRITUCK SOUND

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

N. C.
QUADRANGLE LOCATION

CONTOURS AND ELEVATIONS IN METERS

ROAD CLASSIFICATION
Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Trails
Interstate Route
U. S. Route
State Route

JUN 2000
Topographic Section

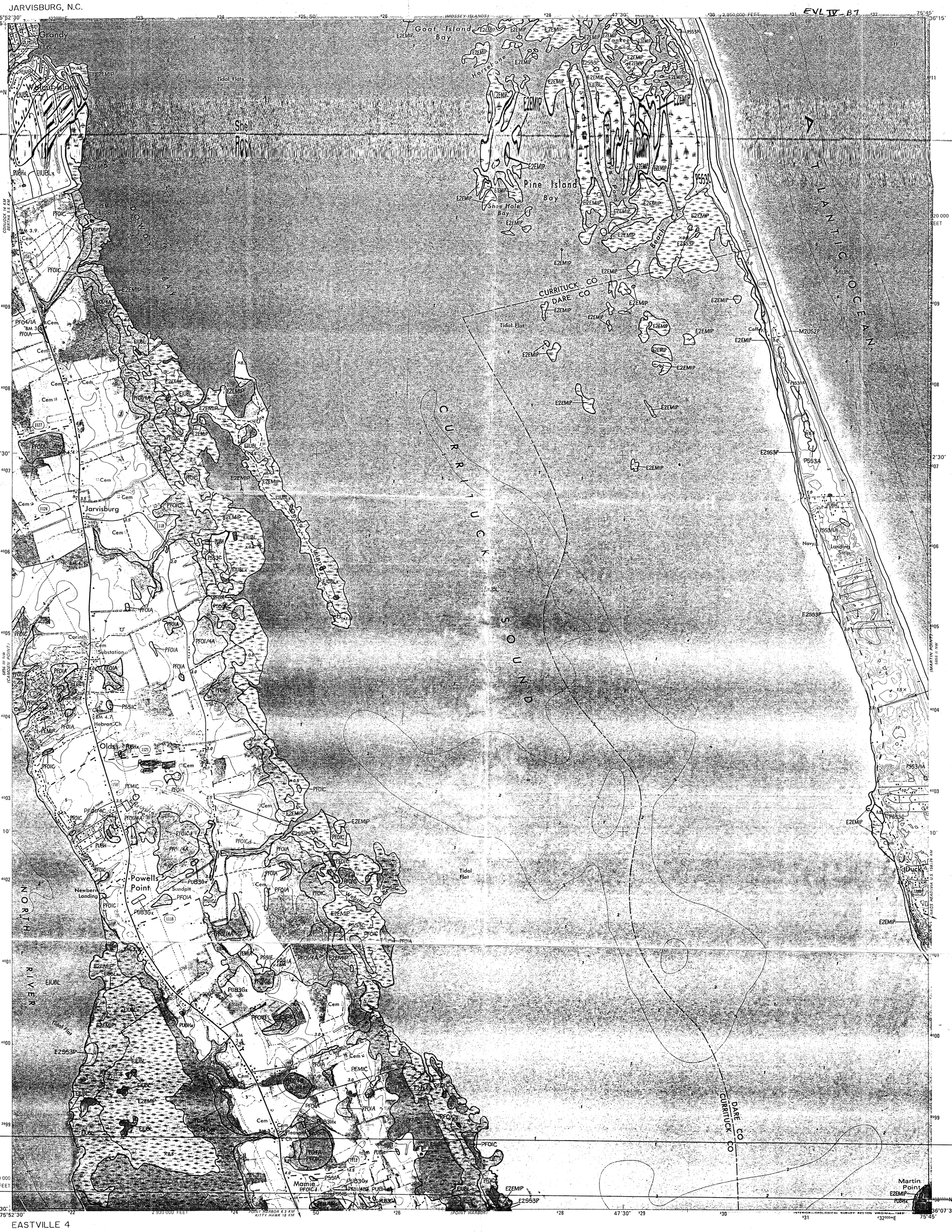
JARVISBURG, N. C.
NE 4 POWELLS POINT 15' QUADRANGLE
N3607.5—W7545/7.5

1982

DMA 5856 III NE—SERIES V8420

JARVISBURG, N.C.

EVL IV-B7



EASTVILLE 4

CURRITUCK SOUND

JARVISBURG, N.C.

SCALE 1:24 000

1 acre — 10 acres — 20 acres

ACREAGE GUIDE

Other information including a narrative report concerning the wetland resources depicted on this document may be available. For information, contact:

Regional Director (ARDE) Region IV
U.S. Fish and Wildlife Service
75 Spring Street S.W.
Atlanta, Georgia 30303

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deepwater Habitats of the United States** (FWS/OBS-79/31 December 1979). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. **Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.**

SYMBOLOGY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS
L2EM2F
SUBCLASS WATER REGIME
UPLAND (NON-WETLAND)
R2OWH
(LINEAR DEEPWATER HABITAT)

U — Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional **omissions.**

NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*).
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.
- Subsystems, Classes, Subclasses, and Water Regimes in *Italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as R4SB, R4SBW, OR R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
- This map uses the class Unconsolidated Shore (US). On earlier NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both versions.

AERIAL PHOTOGRAPHY

DATE	3 77	DATE	
SCALE	1:80 000	SCALE	
TYPE	B/W	TYPE	

U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Prepared by National Wetlands Inventory
1989

JUL 2000

SYSTEM
SUBSYSTEM
CLASS
Subclass

M — MARINE
- 1 — SUBTIDAL
  - RB — ROCK BOTTOM: 1 Bedrock; 2 Rubble
  - UB — UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB — AQUATIC BED: 1 Algal; 3 Rooted Vascular; 5 *Unknown Submergent*
  - RF — REEF: 1 Coral; 3 Worm
  - OW — *OPEN WATER-Unknown Bottom*
- 2 — INTERTIDAL
  - AB — AQUATIC BED: 1 Algal; 3 Rooted Vascular; 5 *Unknown Submergent*
  - RF — REEF: 1 Coral; 3 Worm
  - RS — ROCKY SHORE: 1 Bedrock; 2 Rubble
  - US — UNCONSOLIDATED SHORE: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic

E — ESTUARINE
- 1 — SUBTIDAL
  - RB — ROCK BOTTOM: 1 Bedrock; 2 Rubble
  - UB — UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB — AQUATIC BED: 1 Algal; 3 Rooted Vascular; 4 Floating Vascular; 5 *Unknown Submergent*; 6 *Unknown Surface*
  - RF — REEF: 2 Mollusc; 3 Worm
  - OW — *OPEN WATER-Unknown Bottom*
- 2 — INTERTIDAL
  - AB — AQUATIC BED: 1 Algal; 3 Rooted Vascular; 4 Floating Vascular; 5 *Unknown Submergent*; 6 *Unknown Surface*
  - RF — REEF: 2 Mollusc; 3 Worm
  - SB — STREAMBED: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
  - RS — ROCKY SHORE: 1 Bedrock; 2 Rubble
  - US — UNCONSOLIDATED SHORE: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
  - EM — EMERGENT: 1 Persistent; 2 Nonpersistent
  - SS — SCRUB-SHRUB: 1 Broad-Leaved Deciduous; 2 Needle-Leaved Deciduous; 3 Broad-Leaved Evergreen; 4 Needle-Leaved Evergreen; 5 Dead; 6 *Deciduous*; 7 *Evergreen*
  - FO — FORESTED: 1 Broad-Leaved Deciduous; 2 Needle-Leaved Deciduous; 3 Broad-Leaved Evergreen; 4 Needle-Leaved Evergreen; 5 Dead; 6 *Deciduous*; 7 *Evergreen*

R — RIVERINE
- 1 — TIDAL
  - RB — ROCK: 1 Bedrock; 2 Rubble
  - UB — UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
- 2 — LOWER PERENNIAL
  - *SB — STREAMBED: 1 Bedrock; 2 Rubble; 3 Cobble-Gravel; 4 Sand; 5 Mud; 6 Organic; 7 Vegetated
  - AB — AQUATIC BED: 1 Algal; 2 Aquatic Moss; 3 Rooted Vascular; 4 Floating Vascular; 5 *Unknown Submergent*; 6 *Unknown Surface*
- 3 — UPPER PERENNIAL
  - RS — ROCKY SHORE: 1 Bedrock; 2 Rubble
  - US — UNCONSOLIDATED SHORE: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated
- 4 — INTERMITTENT
  - **EM — EMERGENT: 2 Nonpersistent
  - OW — *OPEN WATER-Unknown Bottom*
- 5 — UNKNOWN PERENNIAL

*SB — STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
**EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSES are found in all SUBSYSTEMS.

L — LACUSTRINE
- 1 — LIMNETIC
  - RB — ROCK BOTTOM: 1 Bedrock; 2 Rubble
  - UB — UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB — AQUATIC BED: 1 Algal; 2 Aquatic Moss; 3 Rooted Vascular; 4 Floating Vascular; 5 *Unknown Submergent*; 6 *Unknown Surface*
  - OW — *OPEN WATER-Unknown Bottom*
- 2 — LITTORAL
  - RB — ROCK BOTTOM: 1 Bedrock; 2 Rubble
  - UB — UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB — AQUATIC BED: 1 Algal; 2 Aquatic Moss; 3 Rooted Vascular; 4 Floating Vascular; 5 *Unknown Submergent*; 6 *Unknown Surface*
  - RS — ROCKY SHORE: 1 Bedrock; 2 Rubble
  - US — UNCONSOLIDATED SHORE: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated
  - EM — EMERGENT: 2 Nonpersistent
  - OW — *OPEN WATER-Unknown Bottom*

P — PALUSTRINE

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Halinity	Inland Salinity	pH Modifiers for all Fresh Water	

KEY TO MAP

500-Year Flood Boundary	
100-Year Flood Boundary	
Zone Designations*	
100-Year Flood Boundary	
500-Year Flood Boundary	
Base Flood Elevation Line With Elevation In Feet**	513
Base Flood Elevation in Feet Where Uniform Within Zone**	(EL 987)
Elevation Reference Mark	RM7×
Zone D Boundary	
River Mile	•M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (Zones A and V) may be protected by flood control structures.

This map is for flood insurance and flood plain management purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

The coastal flooding elevations shown may include the effects of wave action and may differ significantly from those developed by the National Weather Service for hurricane evacuation planning. Coastal base flood elevations apply only landward of the shoreline shown on this map.

For adjoining map panels, see separately printed Map Index.

INITIAL IDENTIFICATION:

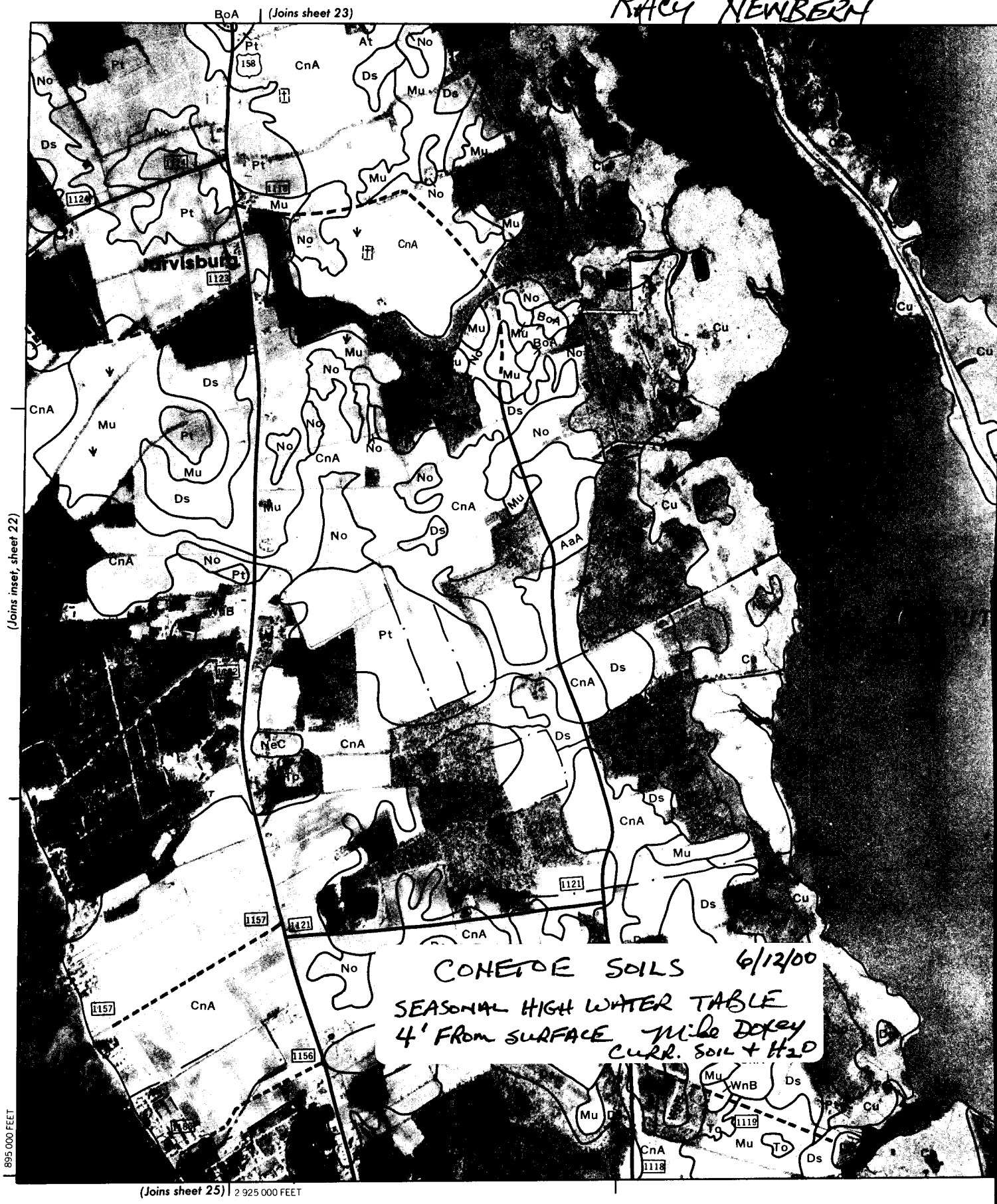
JANUARY 31, 1975

FLOOD HAZARD BOUNDARY MAP REVISIONS:

MAY 19, 1978

N

RACY NEWBERN



CONETOE SOILS 6/12/00

SEASONAL HIGH WATER TABLE
4' FROM SURFACE Mike Doxey
CURR. SOIL + H_2O

6-12-2000

CURRITUCK SOIL & WATER CONSERVATION

P. O. BOX 69
2950 CARATOKE HWY., CURRITUCK, NC 27929

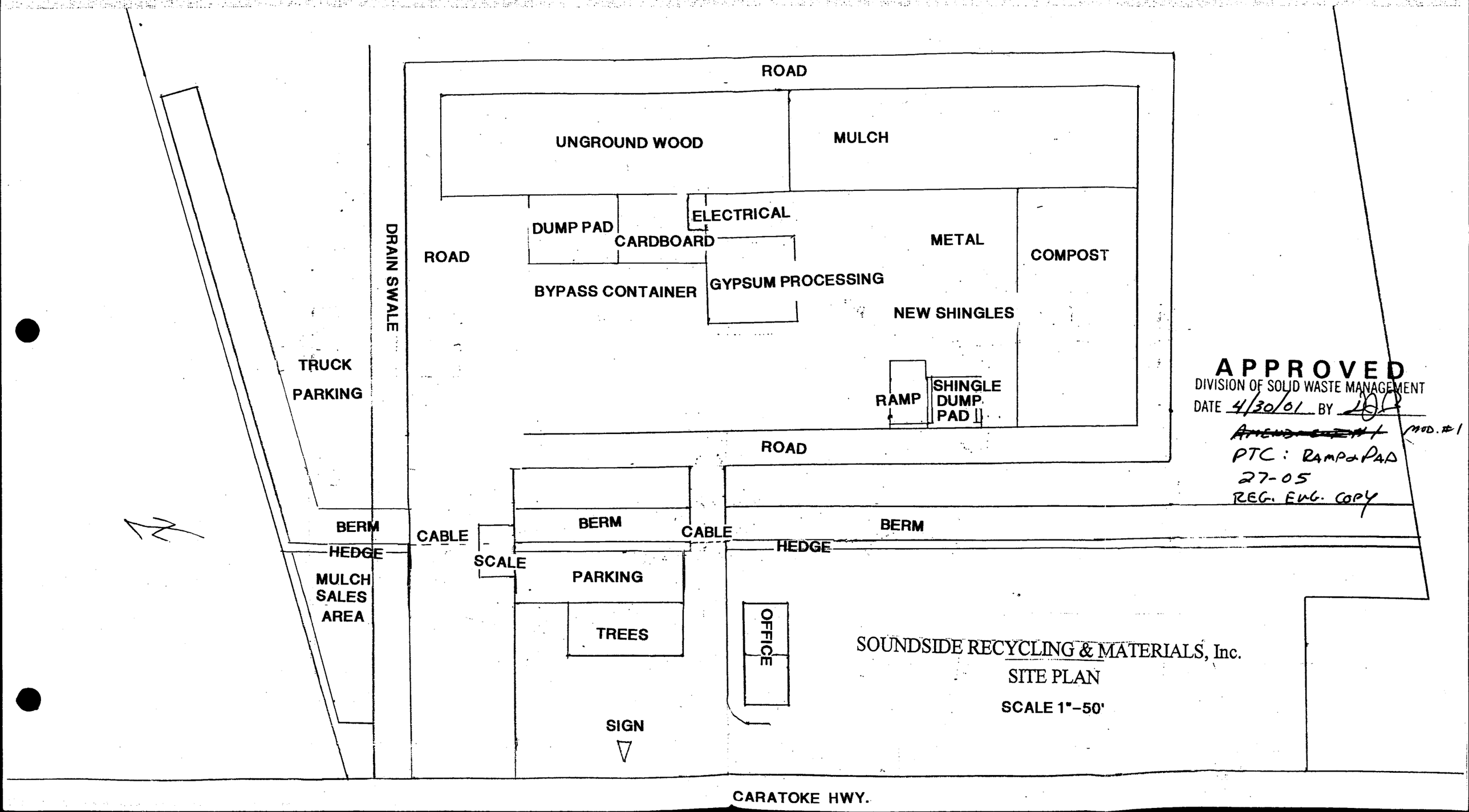
Mike Doxey
Conservation Technician

Kim D. Ferrell
District Administrator

District Supervisors:
Manly M. West
Tommy R. Grandy
W. Harvey Roberts

Phone:
252-232-3360
Fax:
252-232-3026

E-mail: mike-doxey@nc.nacdnet.org



SOUNDSIDE RECYCLING & MATERIALS, Inc.
SITE PLAN
SCALE 1"=50'

APPROVED
DIVISION OF SOLID WASTE MANAGEMENT
DATE 4/30/01 BY
~~AMENDMENT 1~~ MOD. #1
PTC: RAMP & PAD
27-05
REG. ENG. COPY