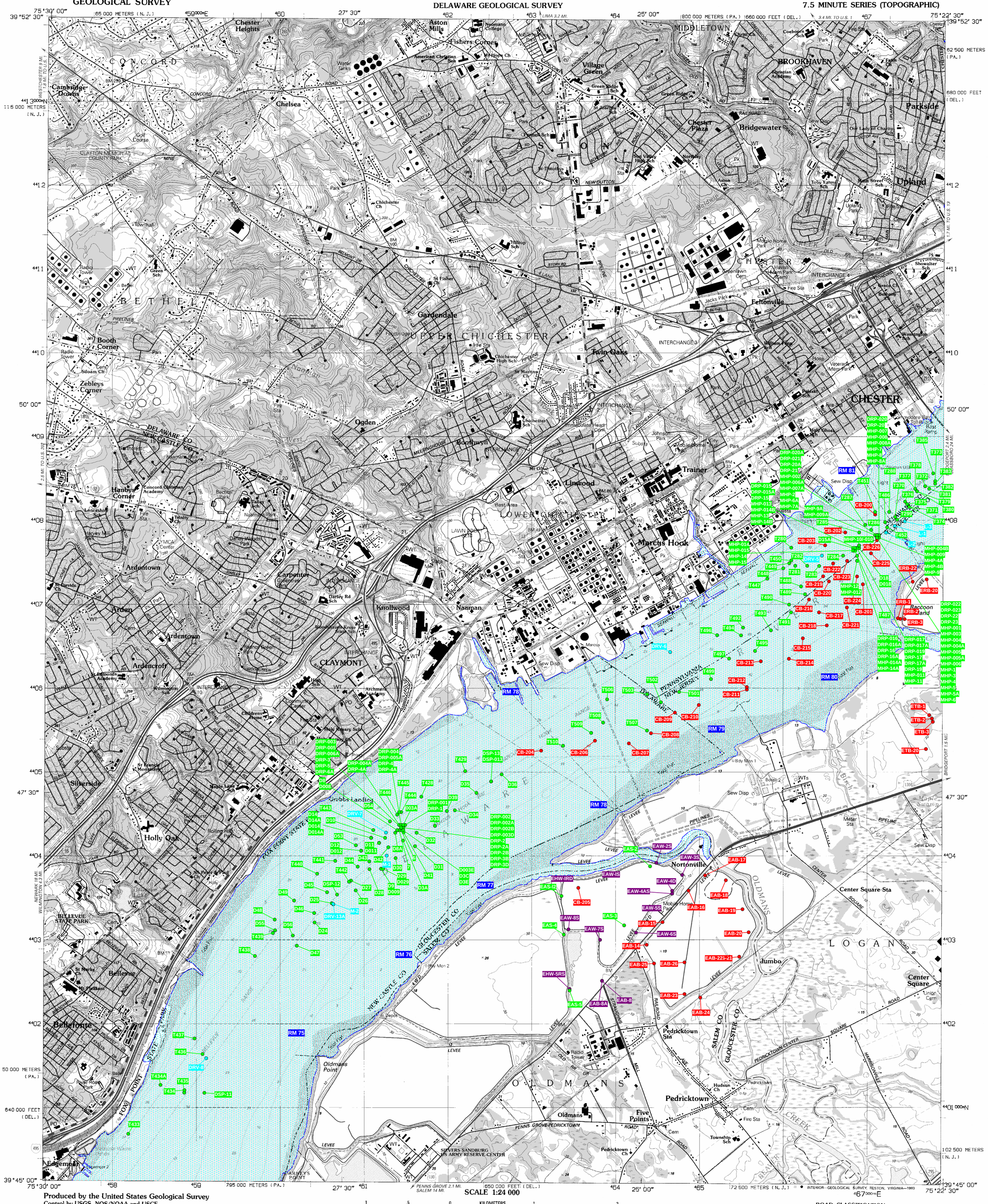
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF DELAWARE
DELAWARE GEOLOGICAL SURVEY

MARCUS HOOK QUADRANGLE
PENNSYLVANIA–NEW JERSEY–DELAWARE
7.5 MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey
Control by USGS, NOS/NOAA and USCE
Compiled from aerial photographs taken 1989
Field checked 1991. Map edited 1993
Selected hydrographic data compiled from NOS Chart 295 (1967)
This information is not intended for navigational purposes
North American Datum of 1983 (NAD 83). Projection and
1 000-meter grid: Universal Transverse Mercator, zone 18
2 500-meter ticks: Pennsylvania Coordinate System of 1983 (south zone)
2 500-meter ticks: New Jersey Coordinate System of 1983
10 000-foot ticks: Delaware Coordinate System of 1983
1927 North American Datum (NAD 27) is shown by dashed corner ticks
The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are given in USGS Bulletin 1875
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Gray tint indicates areas in which only landmark buildings are shown

MN GN 11½° 204 MILS 0°17′ 5 MILS
UTM GRID AND 1993 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
KILOMETERS 1 .5 0 1 2
METERS 1000 0 1000 2000
MILES 1 .5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29)
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SUBTRACT 1 FOOT)
DEPTH CURVES AND SOUNDINGS IN FEET, DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS 5.6 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PENNSYLVANIA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 West Chester
2 Media
3 Lansdowne
4 Wilmington North
5 Bridgeport
6 Wilmington South
7 Penns Grove
8 Woodstown

ADJOINING 7.5′ QUADRANGLE NAMES

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

MARCUS HOOK, PA.–N.J.–DEL.
39075-G4-TF-024
1993
DMA 5963 IV SW-SERIES V831

U.S. Army
Corps of Engineers
Philadelphia District

RM123
Approximate river mileage from mouth of Delaware Bay.

TYPE OF EXPLORATION
.....Boring
.....Test Pit
.....Vibracore
.....Well

Test Pit Location Labels Beginning with "T" are in the "TP"Series.
E.G.: TP-438 = T438
Test Pit Location Labels Beginning with "D" are in the "DRPSeries.
E.G.: DRP-48 = D48

SUB-SURFACE EXPLORATIONS
DELAWARE RIVER & VICINITY

MARCUS HOOK
039075-G4