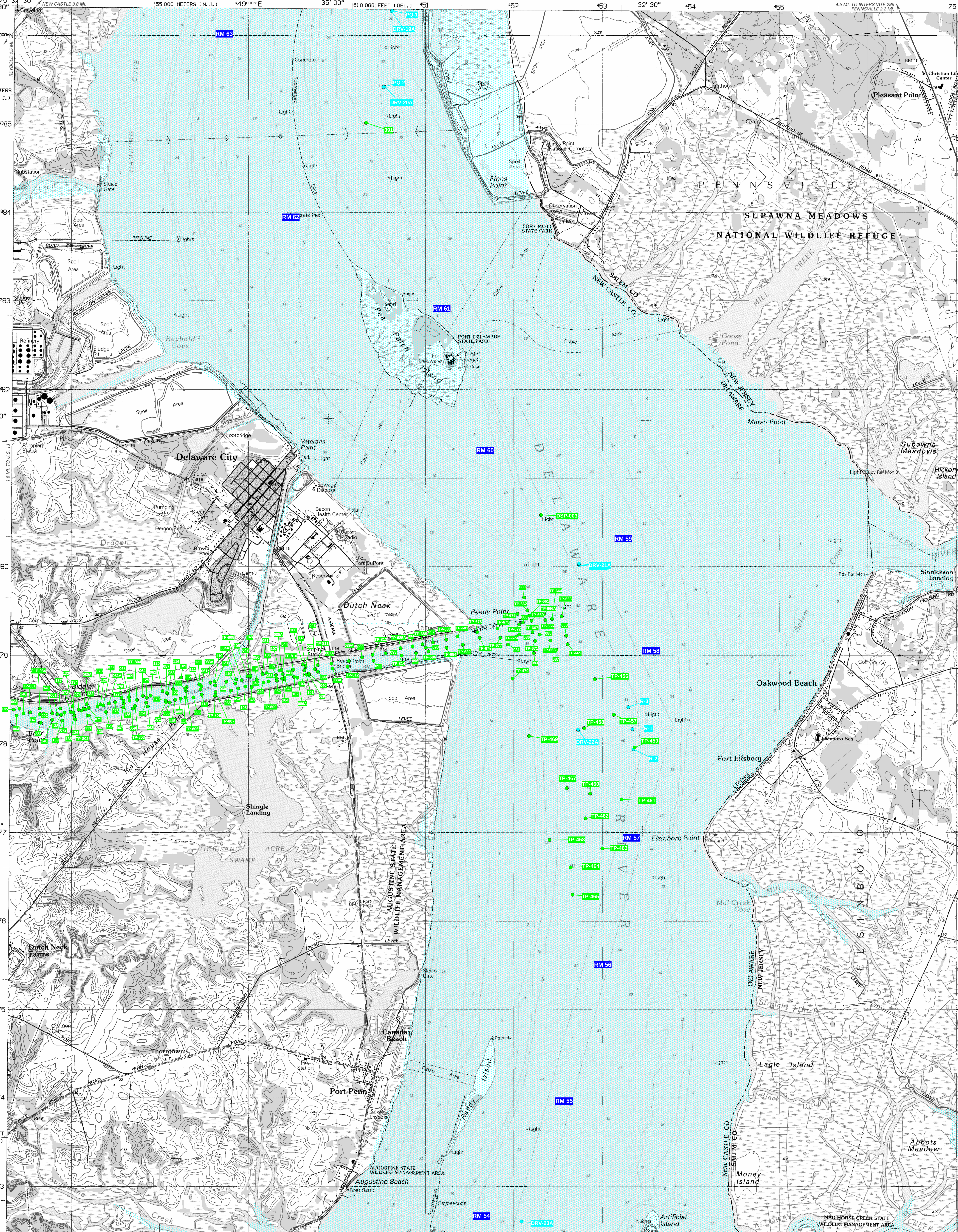
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF DELAWARE
DELAWARE GEOLOGICAL SURVEY

DELAWARE CITY QUADRANGLE
DELAWARE–NEW JERSEY
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 WILMINGTON 15' QUADRANGLE



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1993

62 500 METERS (N.J.)

Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Compiled from aerial photographs taken 1989
Field checked 1991. Map edited 1993
Selected hydrographic data compiled from NOS Chart 12311 (1992)
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
10 000-foot ticks: Delaware Coordinate System of 1983
2 500-meter ticks: New Jersey 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
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

MN GN 11½° 204 MILS 0°21' 6 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 5 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 LOWER 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

DEL.

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Newark East
2 Wilmington South
3 Penns Grove
4 St Georges
5 Salem
6 Middletown
7 Taylors Bridge
8 Canton

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

DELAWARE CITY, DEL.–N.J.
SE/4 WILMINGTON 15' QUADRANGLE
39075-E5-TF-024
1993

SUB-SURFACE EXPLORATIONS
C & D CANAL & VICINITY

DELAWARE CITY
039075-E5

U.S. Army
Corps of Engineers
Philadelphia District

RM123
Approximate river mileage from mouth of Delaware Bay.

TYPE OF EXPLORATION
.....Test Pit
.....Vibracore

Test Pit Location Labels Without Prefixes are in the "CKP"Series.
E.G.: CKP-133 = 133