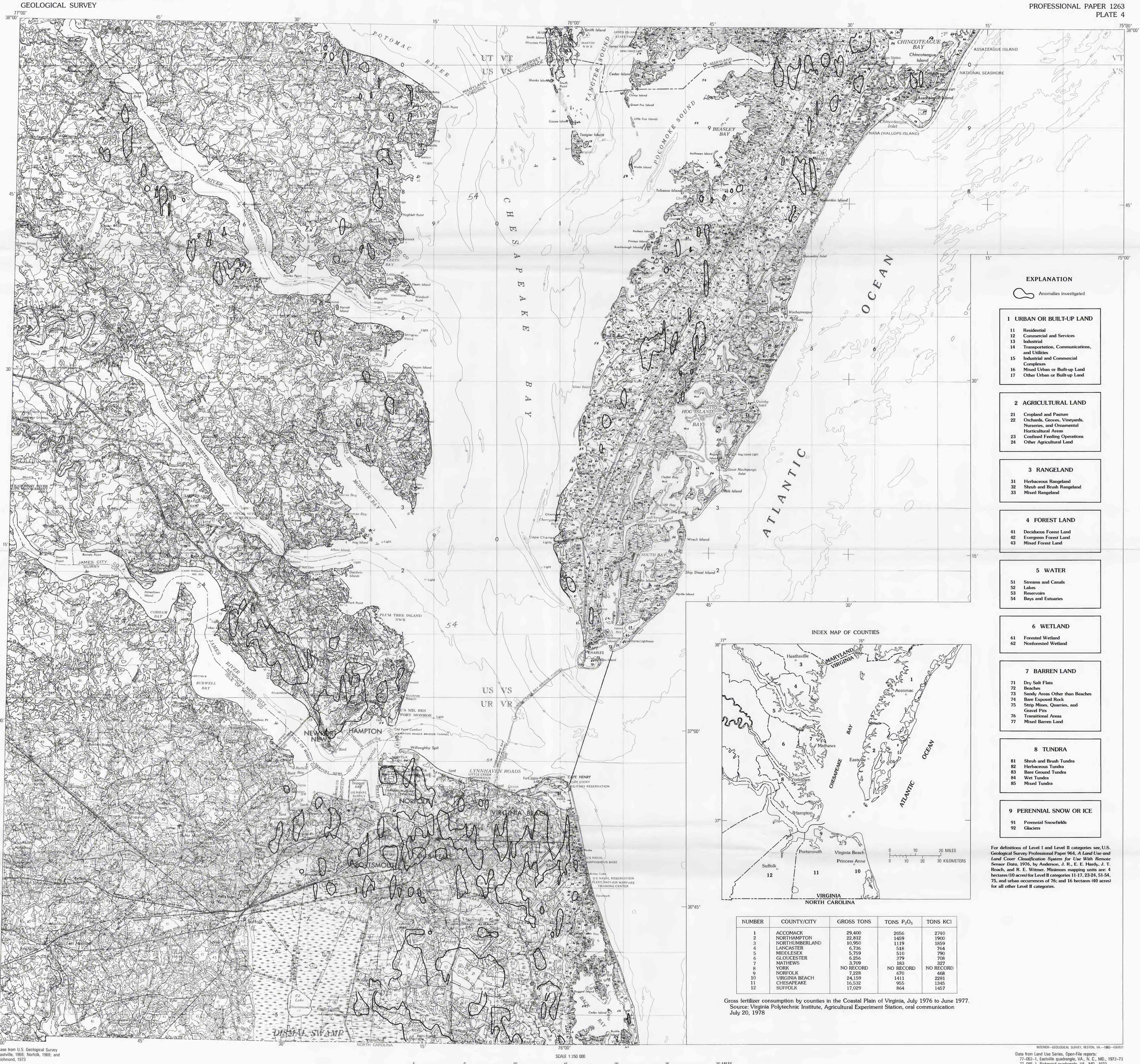

EXPLANATION

Anomalies investigated

1 URBAN OR BUILT-UP LAND

- 11 Residential
- 12 Commercial and Services
- 13 Industrial
- 14 Transportation, Communications, and Utilities
- 15 Industrial and Commercial Complexes
- 16 Mixed Urban or Built-up Land
- 17 Other Urban or Built-up Land

2 AGRICULTURAL LAND

- 21 Cropland and Pasture
- 22 Orchards, Groves, Vineyards, Nurseries, and Ornamental Horticultural Areas
- 23 Confined Feeding Operations
- 24 Other Agricultural Land

3 RANGELAND

- 31 Herbaceous Rangeland
- 32 Shrub and Brush Rangeland
- 33 Mixed Rangeland

4 FOREST LAND

- 41 Deciduous Forest Land
- 42 Evergreen Forest Land
- 43 Mixed Forest Land

5 WATER

- 51 Streams and Canals
- 52 Lakes
- 53 Reservoirs
- 54 Bays and Estuaries

6 WETLAND

- 61 Forested Wetland
- 62 Nonforested Wetland

7 BARREN LAND

- 71 Dry Salt Flats
- 72 Beaches
- 73 Sandy Areas Other than Beaches
- 74 Bare Exposed Rock
- 75 Strip Mines, Quarries, and Gravel Pits
- 76 Transitional Areas
- 77 Mixed Barren Land

8 TUNDRA

- 81 Shrub and Brush Tundra
- 82 Herbaceous Tundra
- 83 Bare Ground Tundra
- 84 Wet Tundra
- 85 Mixed Tundra

9 PERENNIAL SNOW OR ICE

- 91 Perennial Snowfields
- 92 Glaciers

For definitions of Level I and Level II categories see, U.S. Geological Survey Professional Paper 964, *A Land Use and Land Cover Classification System for Use With Remote Sensor Data*, 1976, by Anderson, J. R., E. E. Hardy, J. T. Roach, and R. E. Witmer. Minimum mapping units are: 4 hectares (10 acres) for Level II categories 11-17, 23-24, 51-54, 75, and urban occurrences of 76; and 16 hectares (40 acres) for all other Level II categories.

INDEX MAP OF COUNTIES

NUMBER	COUNTY/CITY	GROSS TONS	TONS P_2O_5	TONS KCl
1	ACCOMACK	29,400	2056	2740
2	NORTHAMPTON	22,812	1459	1900
3	NORTHUMBERLAND	10,950	1119	1859
4	LANCASTER	6,736	518	764
5	MIDDLESEX	5,759	510	790
6	GLOUCESTER	6,256	379	708
7	MATHEWS	3,709	183	327
8	YORK	NO RECORD	NO RECORD	NO RECORD
9	NORFOLK	7,228	670	468
10	VIRGINIA BEACH	24,159	1411	2281
11	CHESAPEAKE	16,532	955	1345
12	SUFFOLK	17,029	864	1457

Gross fertilizer consumption by counties in the Coastal Plain of Virginia, July 1976 to June 1977.
Source: Virginia Polytechnic Institute, Agricultural Experiment Station, oral communication July 20, 1978

Base from U.S. Geological Survey Eastville, 1969; Norfolk, 1969; and Richmond, 1973

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA.—1983—G82621

Data from Land Use Series, Open-File reports:
77-062-1, Eastville quadrangle, VA., N. C., MD., 1972-73
77-085-1, Richmond quadrangle, VA., MD., 1973
77-769-1, Norfolk quadrangle, VA., N. C., 1972

LAND-USE AND LAND-COVER CLASSIFICATION OF AERORADIOMETRIC ANOMALIES IN THE OUTER COASTAL PLAIN OF VIRGINIA