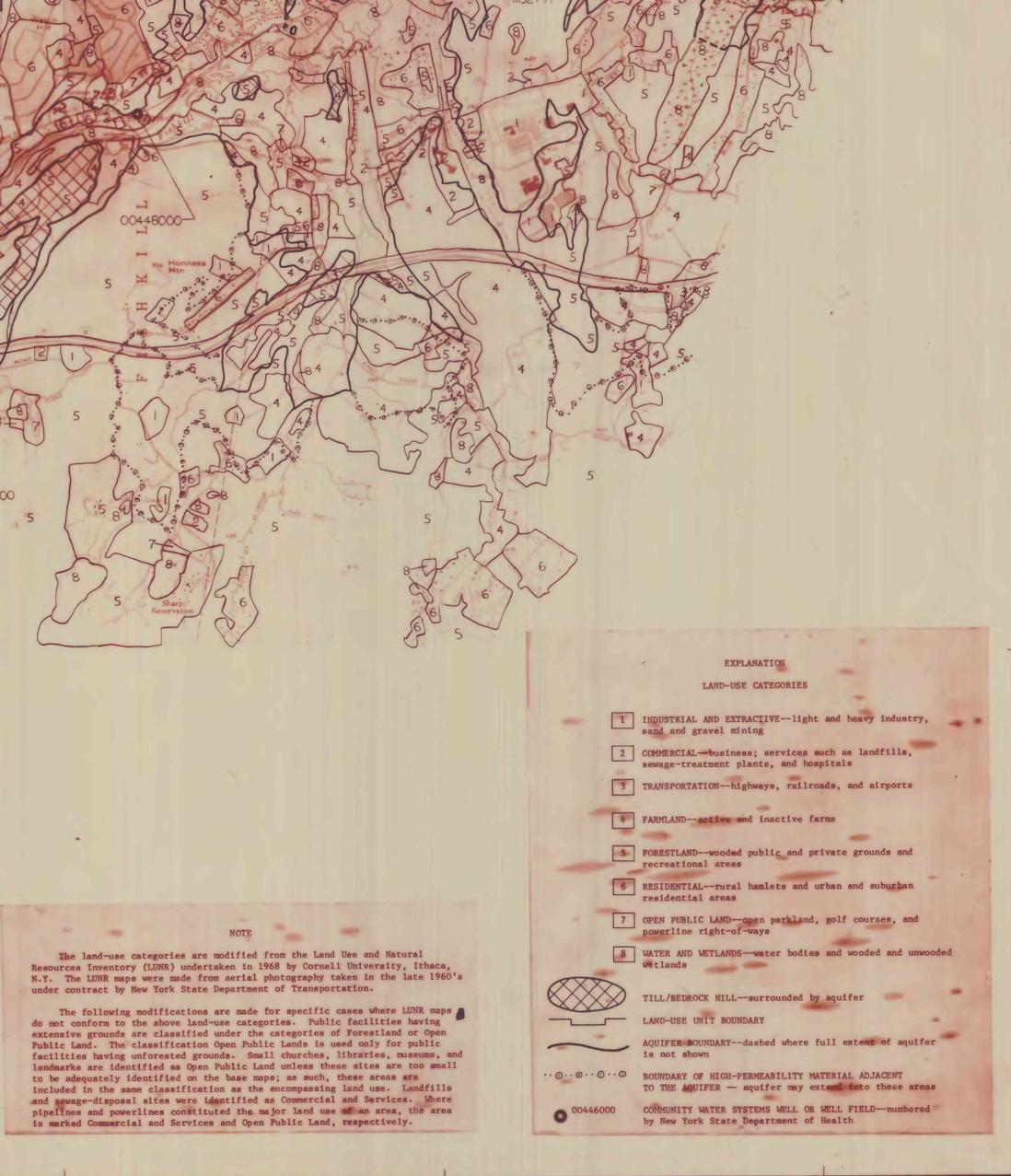


**LAND USE**  
By  
**Julia L. Bell**



**EXPLANATION**

**LAND-USE CATEGORIES**

- 1 INDUSTRIAL AND EXTRACTIVE—light and heavy industry, sand and gravel mining
- 2 COMMERCIAL—business; services such as landfills, sewage-treatment plants, and hospitals
- 3 TRANSPORTATION—highways, railroads, and airports
- 4 FARMLAND—active and inactive farms
- 5 FORESTLAND—wooded public and private grounds and recreational areas
- 6 RESIDENTIAL—rural hamlets and urban and suburban residential areas
- 7 OPEN PUBLIC LAND—open parkland, golf courses, and powerline right-of-ways
- 8 WATER AND WETLANDS—water bodies and wooded and unwooded wetlands

**NOTE**

The land-use categories are modified from the Land Use and Natural Resources Inventory (LUNR) undertaken in 1968 by Cornell University, Ithaca, N.Y. The LUNR maps were made from aerial photography taken in the late 1960's under contract by New York State Department of Transportation.

The following modifications are made for specific cases where LUNR maps do not conform to the above land-use categories. Public facilities having extensive grounds are classified under the categories of Forestland or Open Public Land. The classification Open Public Land is used only for public facilities having unforested grounds. Small churches, libraries, museums, and landmarks are identified as Open Public Land unless these sites are too small to be adequately identified on the base maps; as such, these areas are included in the same classification as the encompassing land use. Landfills and sewage-disposal sites were identified as Commercial and Services. Where pipelines and powerlines constituted the major land use of an area, the area is marked Commercial and Services and Open Public Land, respectively.

- TILL/BEDROCK HILL—surrounded by aquifer
- LAND-USE UNIT BOUNDARY
- AQUIFER BOUNDARY—dashed where full extent of aquifer is not shown
- BOUNDARY OF HIGH-PERMEABILITY MATERIAL ADJACENT TO THE AQUIFER—aquifer may extend into these areas
- 00446000 COMMUNITY WATER SYSTEMS WELL OR WELL FIELD—numbered by New York State Department of Health

BASE FROM NEW YORK STATE DEPARTMENT OF TRANSPORTATION HOPEWELL JUNCTION, N.Y., 1973; PLEASANT VALLEY, N.Y., 1973; WAPPINGERS FALLS, N.Y., 1973; AND WEST POINT, N.Y., 1973. 1:24,000

**GEOHYDROLOGY OF THE VALLEY-FILL AQUIFER IN THE SPROUT AND FISHKILL CREEKS AREA, DUTCHESS COUNTY, NEW YORK**

CLASSIFICATION FROM LAND USE AND NATURAL RESOURCES INVENTORY (LUNR) MAPS, CORNELL UNIVERSITY (1967); MODIFIED BY J.L. BELL, 1982