



- LAND-USE UNIT BOUNDARY

TILL/BEDROCK HILL--surrounded by aquifer

————— AQUIFER BOUNDARY--dashed where full extent of
aquifer is not shown

00437000 COMMUNITY WATER SYSTEMS WELL OR WELL FIELD--numbered by
New York State Department of Health

NOTE

Land use may effect the quality of the ground water within the aquifer. Forests, open public lands, and wetlands have the least potential for ground-water contamination, while industrial, commercial, farmland, residential, and transportation each represent different types of potential for contamination.

The land-use categories were compiled from the 1968 Land Use and Natural Resources Inventory (LUNR) conducted by Cornell University. The LUNR maps were made from aerial photography flown in the late 1960's under a New York State Department of Transportation contract.

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 Lands is used only for public facilities having unforested grounds. Small churches, libraries, museums, and landmarks are identified as Open Public Land unless they 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 waste disposal sites are identified as Commercial and Services. Where pipelines and powerlines are situated on a major land use of an area, the area is marked Commercial and Services and Open Public Land respectively.

SCALE 1:24000

0 3500 7000 FEET

0 0.5 1 KILOMETER

BASE FROM NEW YORK STATE DEPARTMENT OF TRANSPORTATION GRAHAMSVILLE,
N.Y., 1976; LIBERTY EAST, N.Y., 1976; MONTICELLO, N.Y., 1976;
WOODRIDGE, N.Y., 1976. 1:24,000

**GEOHYDROLOGY OF THE VALLEY-FILL AQUIFER IN THE SOUTH FALLSBURGH-
WOODBOURNE AREA, SULLIVAN COUNTY, NEW YORK**

CLASSIFICATION FROM LAND USE AND NATURAL RESOURCES
INVENTORY (LUNR) MAPS, CORNELL UNIVERSITY (1967):
MODIFIED BY JULIA L. BELLI, 1981