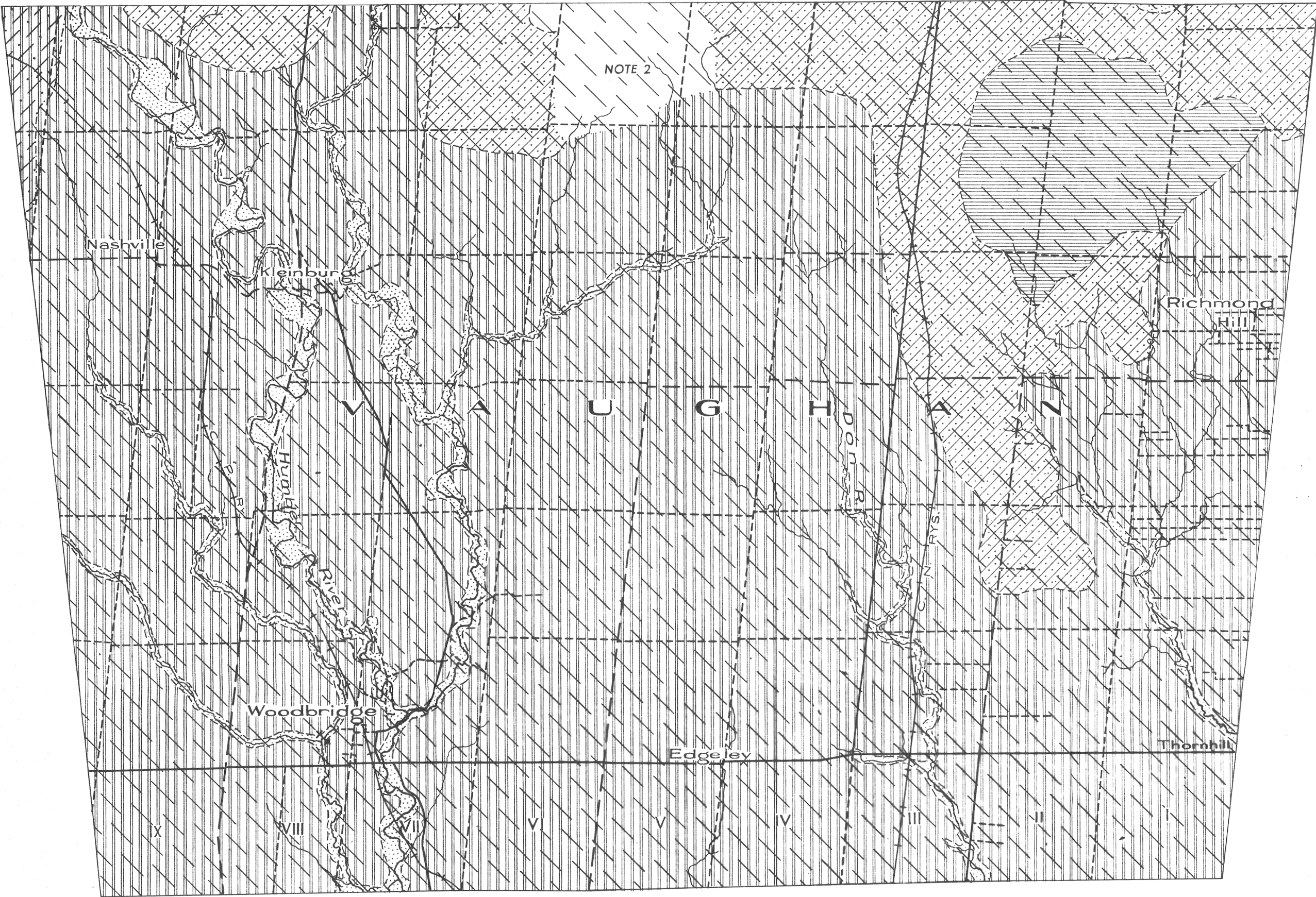


FIGURE 1  
MAP SHOWING THE  
BEDROCK FORMATIONS AND SURFACE DEPOSITS



LEGEND

- SURFACE DEPOSITS**
- QUATERNARY**
- PLEISTOCENE AND RECENT**
- ALLUVIUM: clay, silt, sand, gravel
- PLEISTOCENE**
- GROUND MORAINE: boulder clay, with lenses of water-laid sand and gravel
  - TERMINAL MORAINE: boulder clay, silt, sand, gravel
  - KAME MORAINE: sorted sand and gravel
- DRUMLINS:** boulder clay
- BAY-MOUTH BARS:** sand and gravel
- GLACIAL-LAKE DEPOSITS:** clay, silt, sand, and gravel

Geological boundary

NOTE 1. The above legend is applicable to an area of several townships in southern Ontario, but only those patterns and symbols that apply to this one township are shown.

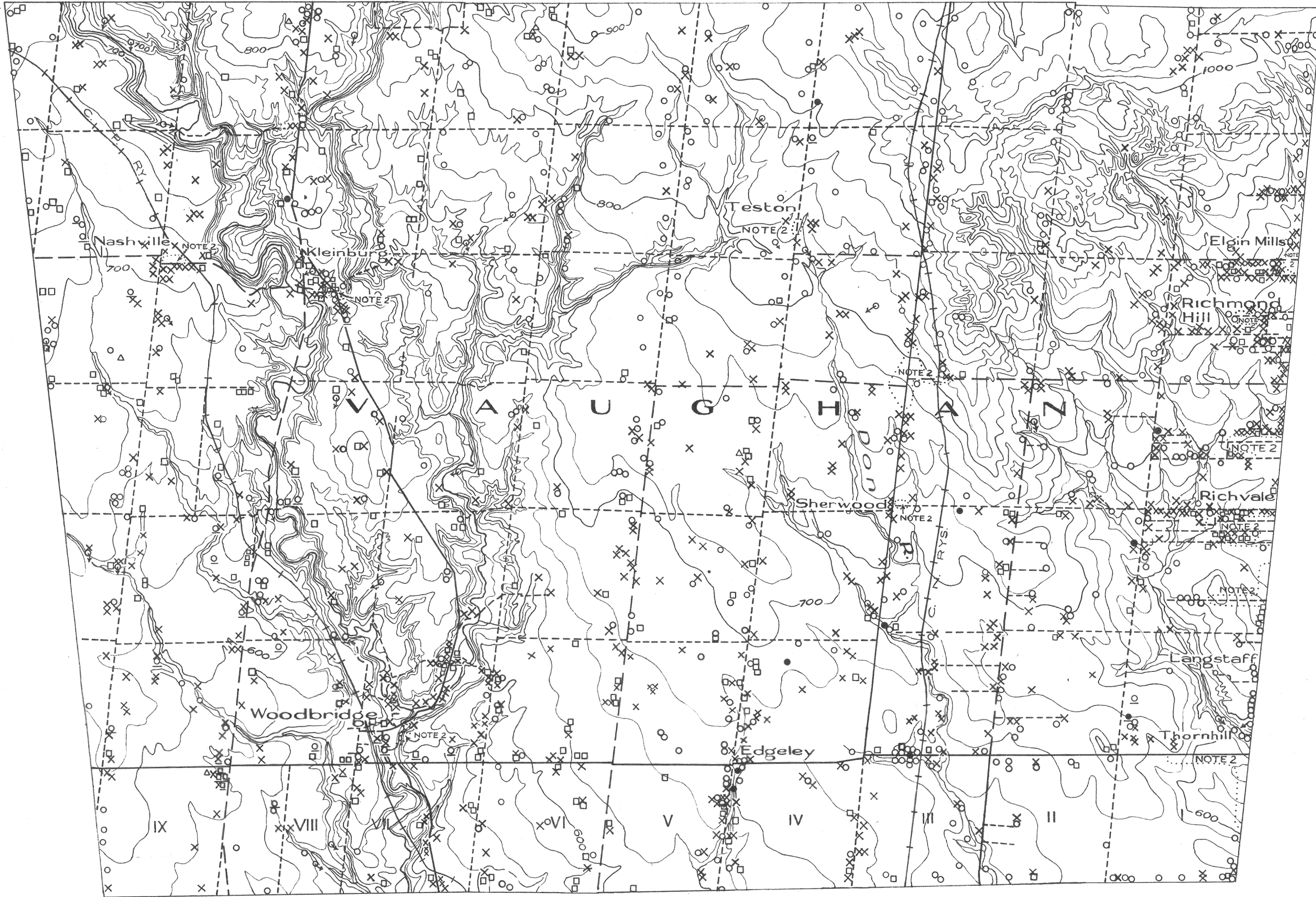
- BEDROCK FORMATIONS**
- SILURIAN**
- LOCKPORT FORMATION: light grey dolomite; some brownish, bituminous dolomite in upper part
  - MEDINA FORMATION: white, red, and grey sandstone; red, green, and grey shale; argillaceous limestone
- ORDOVICIAN**
- QUEENSTON FORMATION: red, in part sandy, shale
  - MEAFORD FORMATION: grey, bluish, and brownish shale, with thin layers of limestone, calcareous sandstone, and arenaceous shale
  - DUNDAS FORMATION: grey and blue shale; thin sandy beds; thin, lenticular limestone beds
  - BILLINGS FORMATION: dark grey to nearly black slightly bituminous shale

Rock outcrop

Geological boundary (approx.)

NOTE 2. In lots 30 to 35, concession VI, the relief of the terminal moraine is so slight that it prohibits placing of the ground moraine-terminal moraine contact.

FIGURE 2  
MAP SHOWING THE  
TOPOGRAPHY, LOCATION, AND TYPES OF WELLS



LEGEND

- WELLS, CLASS 1.** Flowing artesian wells, in which the water is under sufficient pressure to raise it above surface level
- WELLS, CLASS 2.** Non-flowing artesian wells, in which the water is under pressure but does not rise to the surface
- WELLS, CLASS 3.** Non-artesian wells, in which the water does not rise above the water-table
- WELLS, CLASS 4.** Intermittent, non-artesian wells, which dry up intermittently

- DRY HOLES**
- SPRINGS**

NOTE 1. The above symbols apply to a large area in southern Ontario, and may not all appear within the limits of this township

NOTE 2. Within the areas outlined about Thornhill, Langstaff, Richvale, Richmond Hill, Elgin Mills, Sherwood, Teston, Woodbridge, Kleinburg, and Nashville, the wells are too closely spaced to be shown on this map.

Contours, interval 25 feet

VAUGHAN TOWNSHIP  
YORK COUNTY  
ONTARIO

Scale: 1 inch to 1 mile

