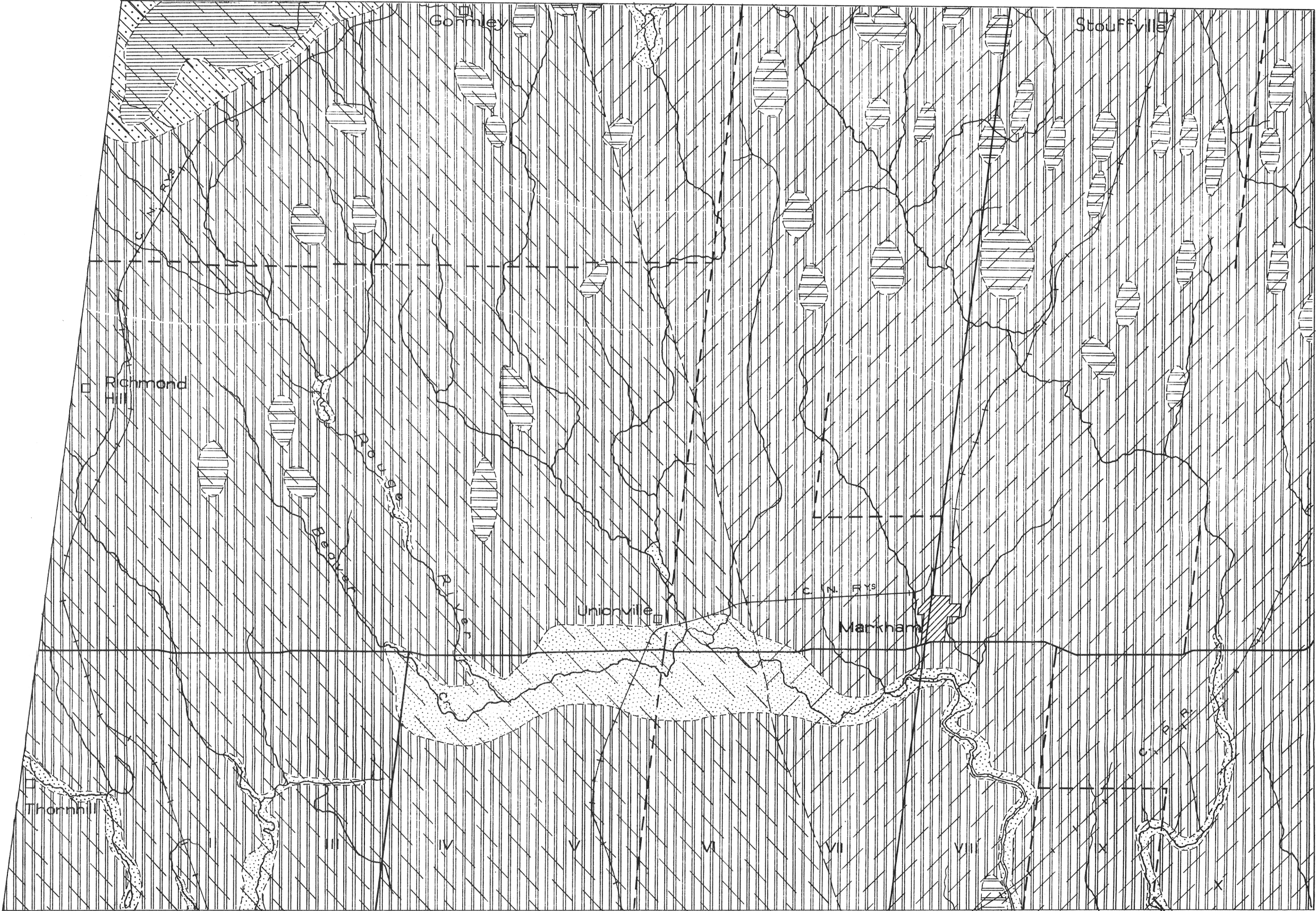


FIGURE 1  
MAP SHOWING BEDROCK FORMATIONS  
AND SURFACE DEPOSITS



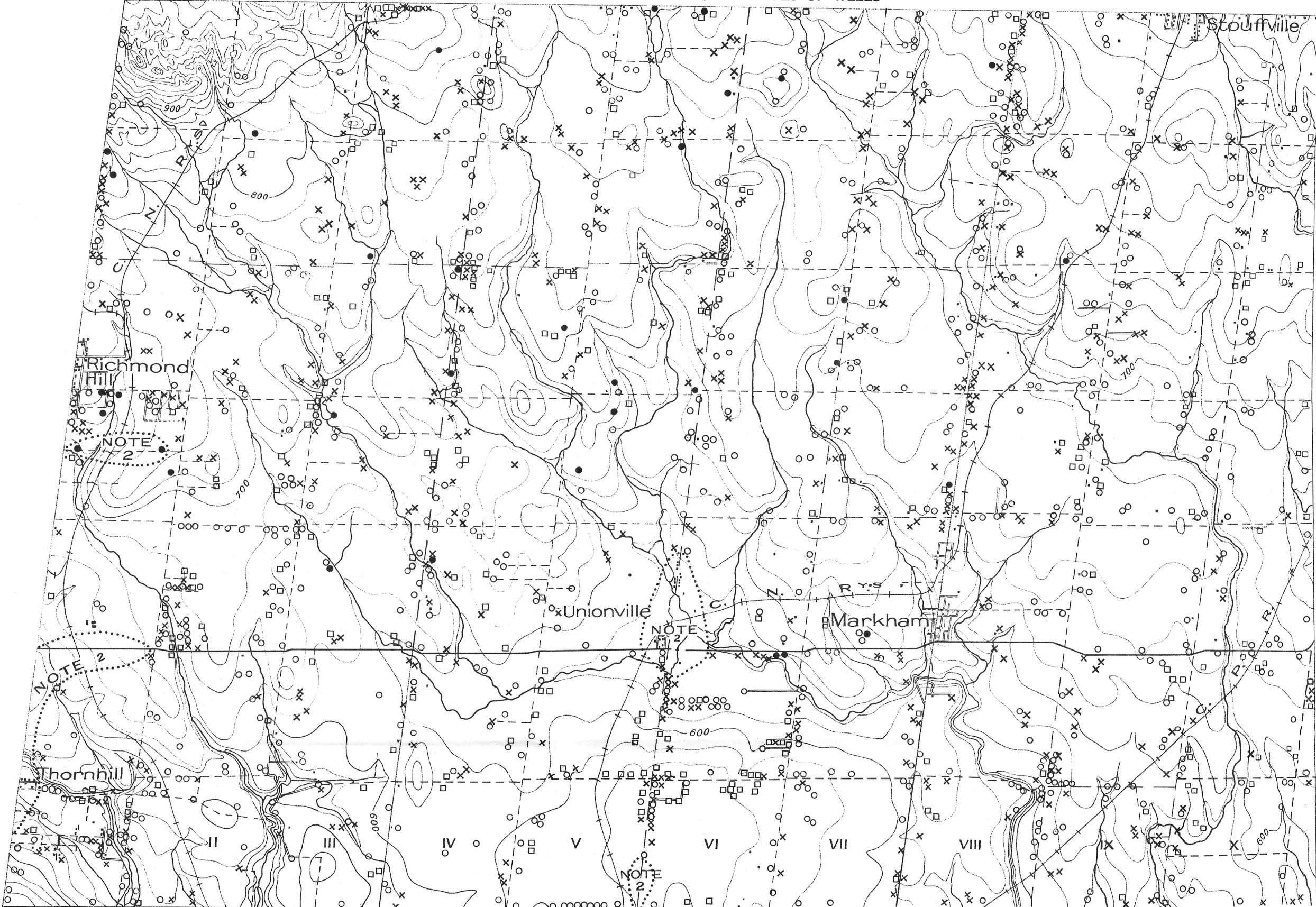
LEGEND

SURFACE DEPOSITS		BEDROCK FORMATIONS	
CENOZOIC	QUATERNARY PLEISTOCENE AND RECENT ALLUVIUM: clay, silt, sand, gravel	SILURIAN	LOCKPORT FORMATION: light grey dolomite; some brownish, bituminous dolomite in upper part
	PLEISTOCENE GROUND MORAINE: boulder clay, with lenses of water-laid sand and gravel		MEDINA FORMATION: white, red, and grey sandstone; red, green, and grey shale, argillaceous limestone
	TERMINAL MORAINE: boulder clay, silt, sand, gravel	PALAEOZOIC	ORDOVICIAN QUEENSTON FORMATION: red, in part sandy shale
	KAME MORAINE: sorted sand and gravel		MEAFORD FORMATION: grey, bluish, and brownish shale, with thin layers of limestone, calcareous sandstone, and arenaceous shale
	DRUMLINS: boulder clay		DUNDAS FORMATION: grey and blue shale; thin sandy beds; thin, lenticular limestone beds
	BAY-MOUTH BARS: sand and gravel		BILLINGS FORMATION: dark grey to nearly black slightly bituminous shale
	GLACIAL-LAKE DEPOSITS: clay, silt, sand, and gravel		Rock outcrop .....
Glacial lake shore line .....		Geological boundary (approx.) .....	
Escarpment .....		NOTE. 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.	
Geological boundary .....			

MARKHAM TOWNSHIP  
YORK COUNTY  
ONTARIO  
Scale 1 inch to 1 mile



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



LEGEND

<div><div><div>•</div></div><div>In drift</div></div> <div><div>●</div><div>In bedrock</div></div>	WELLS, CLASS 1. <i>Flowing artesian wells, in which the water is under sufficient pressure to raise it above surface level</i>	<div><div>△</div></div> <div>In drift</div>	} DRY HOLES
		<div><div>△</div></div> <div>In bedrock</div>	
<div><div>○</div></div> <div>In drift</div>	WELLS, CLASS 2. <i>Non-flowing artesian wells, in which the water is under pressure but does not rise to the surface</i>	<div><div>⦿</div></div> <div>In drift</div>	} SPRINGS
<div><div>⊙</div></div> <div>In bedrock</div>		<div><div>⦿</div></div> <div>In bedrock</div>	
<div><div>×</div></div> <div>In drift</div>	WELLS, CLASS 3. <i>Non-artesian wells, in which the water does not rise above the water-table</i>		
<div><div>⊗</div></div> <div>In bedrock</div>			
<div><div>□</div></div> <div>In drift</div>	WELLS, CLASS 4. <i>Intermittent, non-artesian wells, which dry up intermittently</i>		
<div><div>◻</div></div> <div>In bedrock</div>			

NOTE 1. The above symbols are used as shown, but they may not all appear within the same area.

NOTE 2. Within the areas of Unionville and Unionville, the wells are located as shown.

Contours, interval 25 feet ...

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, Richmond Hill, Milliken, and Unionville, the wells are too closely spaced to be shown on this map

Contours, interval 25 feet

