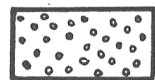


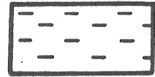
RURAL MUNICIPALITY OF GULL LAKE NO-139, SASKATCHEWAN



Area of dune sands in which ample supplies of soft to moderately hard water are generally obtained at depths within 20 feet of the surface



Area of glacial lake sands in which ample supplies of soft to moderately hard water are generally obtained at depths within 20 feet of the surface



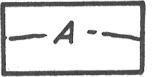
Area of glacial lake clays in which small supplies of generally highly mineralized water are being obtained from scattered sand pockets within 20 feet of the surface



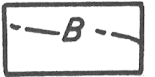
Area of knolls and depressions in glacial drift (moraine) in which small supplies of ground water are being obtained from scattered sand and gravel pockets within 30 feet of the surface



Glacial till plain or boulder clay in which small supplies of ground water occur in isolated pockets of sand and gravel which lie generally between 20 and 100 feet from the surface



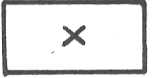
Boundary of area in which ample supplies of hard and generally highly mineralized ground water are being obtained from sand and gravel beds in glacial drift at depths between 50 and 110 feet from the surface



Boundary of area in which ample supplies of hard and generally highly mineralized water are being obtained from sand and gravel beds in glacial drift at depths between 40 and 120 feet from the surface

NOTE

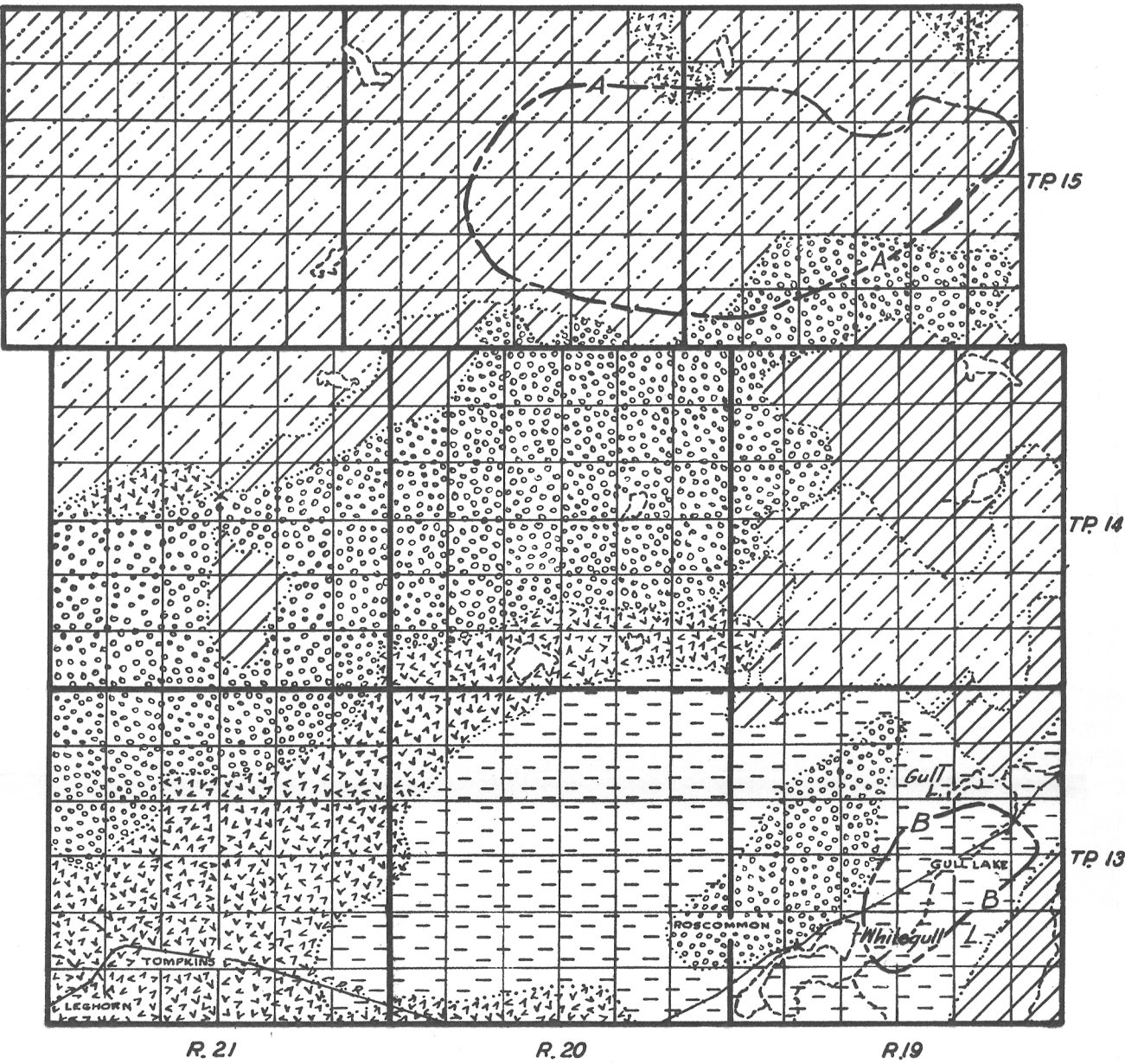
The Bearpaw formation immediately underlies the glacial drift throughout the entire municipality



Outcrop of bedrock

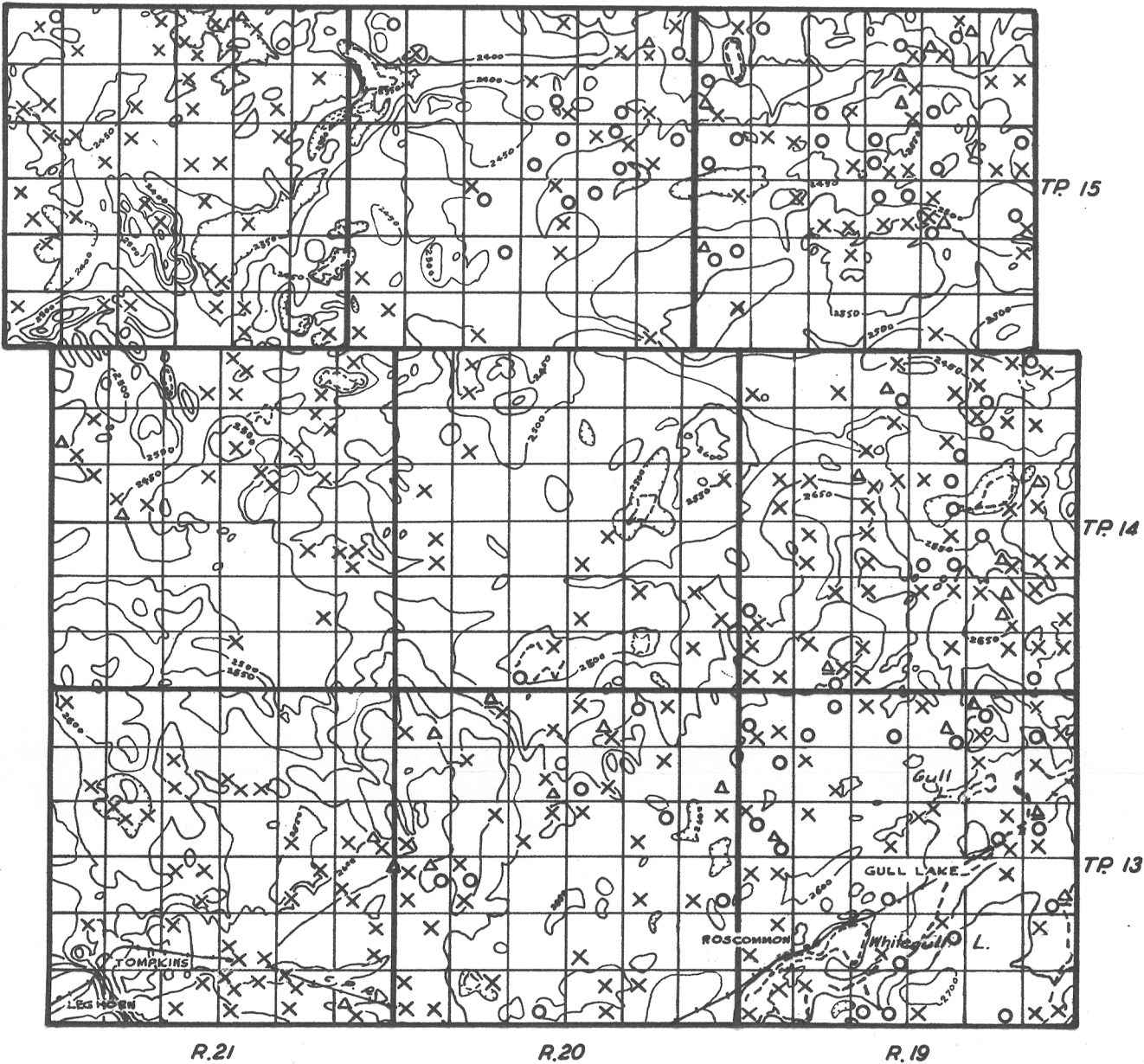
GEOLOGICAL SURVEY, DEPARTMENT OF MINES, CANADA, 1936

FIGURE 1



Map showing the surface and bedrock geology as it affects the supply of ground water, and areas in which the ground water occurs

FIGURE 2



Map showing the drainage and relief, and the location and types of wells with source of ground water supply



Well class 1
In drift In bedrock

Flowing wells (These are usually designated as Flowing Artesian wells)



Well class 2
In drift In bedrock

Wells in which the water is under pressure but does not rise to the surface (These are usually designated as Non-flowing Artesian wells)

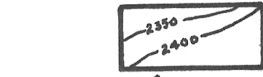


Well class 3
In drift In bedrock

Wells in which the water does not rise above the water table (These are usually designated as Non-Artesian wells)



Dry holes
In drift In bedrock



Contours (interval 50 feet)

0 3 6 9 12 15 18
Scale of miles