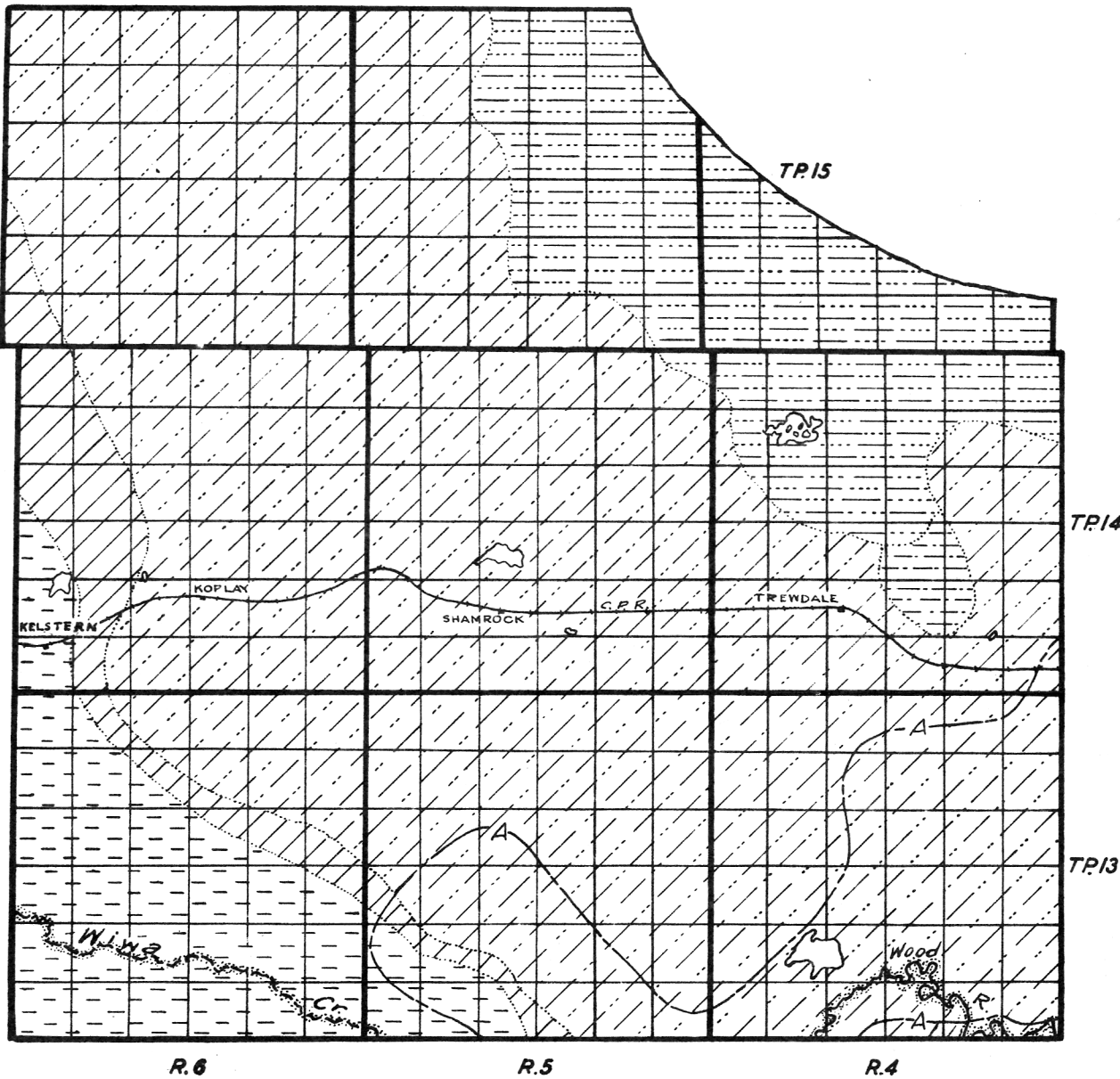


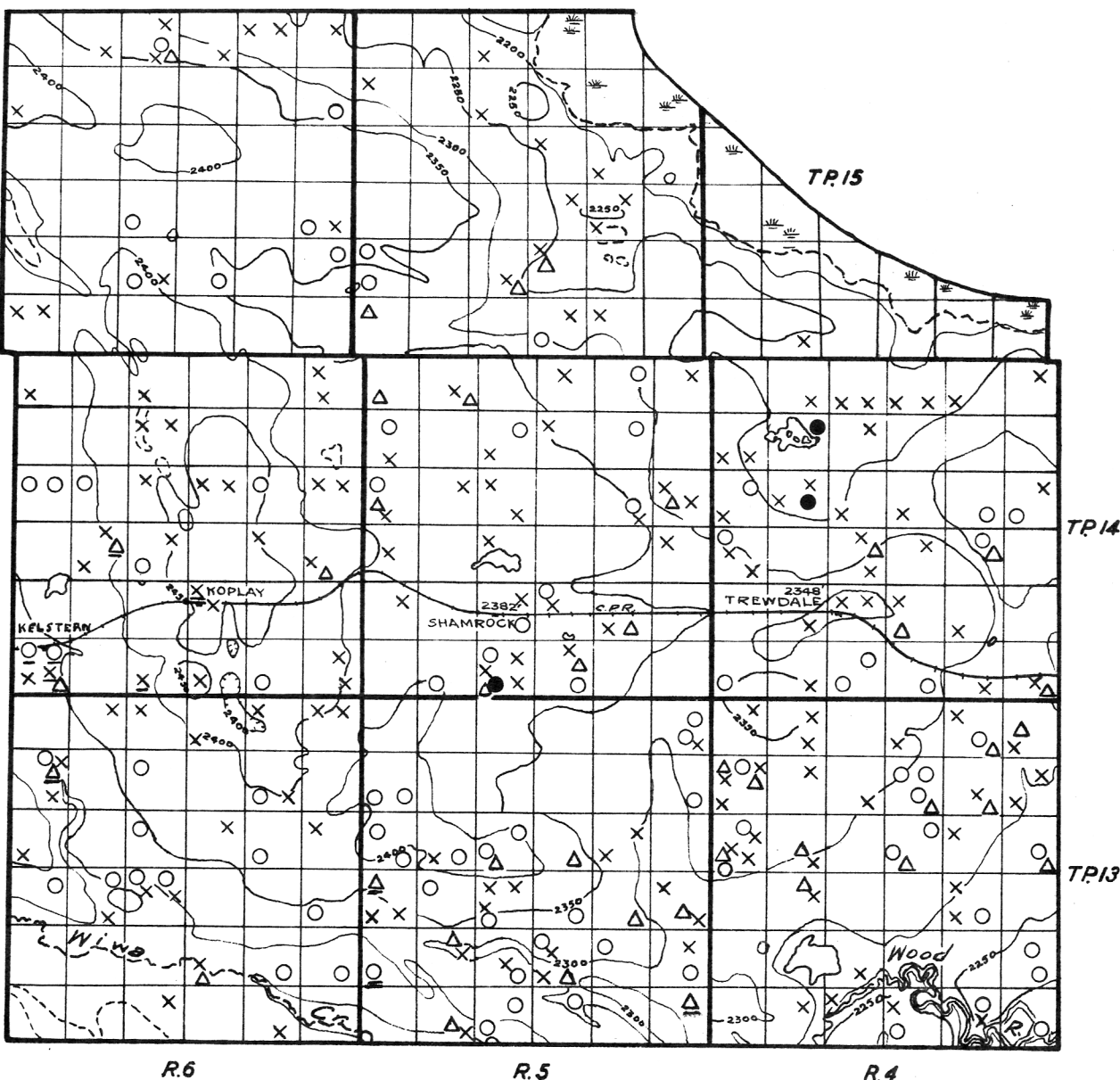
RURAL MUNICIPALITY OF SHAMROCK NO-134, SASKATCHEWAN

FIGURE 1



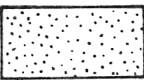
Map showing the surface and bedrock geology as it affects the supply of ground water, and areas in which the ground water occurs

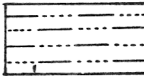
FIGURE 2

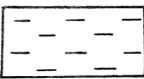


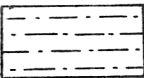
Map showing the drainage and relief, and the location and types of wells with source of ground water supply


0 3 6 9 12 15 18
Scale of miles

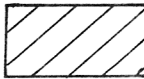

Recent deposits in which water is found within 25 feet of the surface


Glacial lake sands in which water is found within 24 feet of the surface **NOTE:** Water in some places in this area is obtained from sand and gravel pockets in the underlying boulder clay within 40 feet of the surface

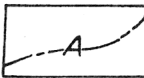

Glacial lake clays which yield very little water **NOTE:** Water in this area is obtained from sand or gravel pockets in the underlying boulder clay or Bearpaw shales at depths of 15 to 166 feet

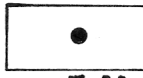

Glacial outwash sands and gravels in which water is generally found within 20 feet of the surface


Area of knolls and depressions in glacial drift (moraine) in which water is obtained from isolated sand and gravel pockets at depths of 10 to 150 feet

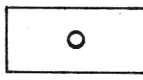

Glacial till or boulder clay (till plain) in which water is obtained from isolated sand and gravel pockets at depths of 16 to 85 feet

NOTE:
The Bearpaw formation underlies the glacial drift throughout the municipality

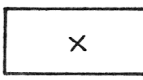

Boundary of an area in which wells 80 to 144 feet deep obtain large supplies of generally good water from interglacial silt (sea mud), sand, or gravel beds lying near the base of the glacial drift


Well class 1
In drift In bedrock

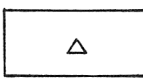
Flowing wells (These are usually designated as Flowing Artesian wells)

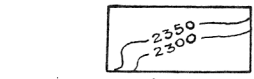

Well class 2
In drift In bedrock

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)