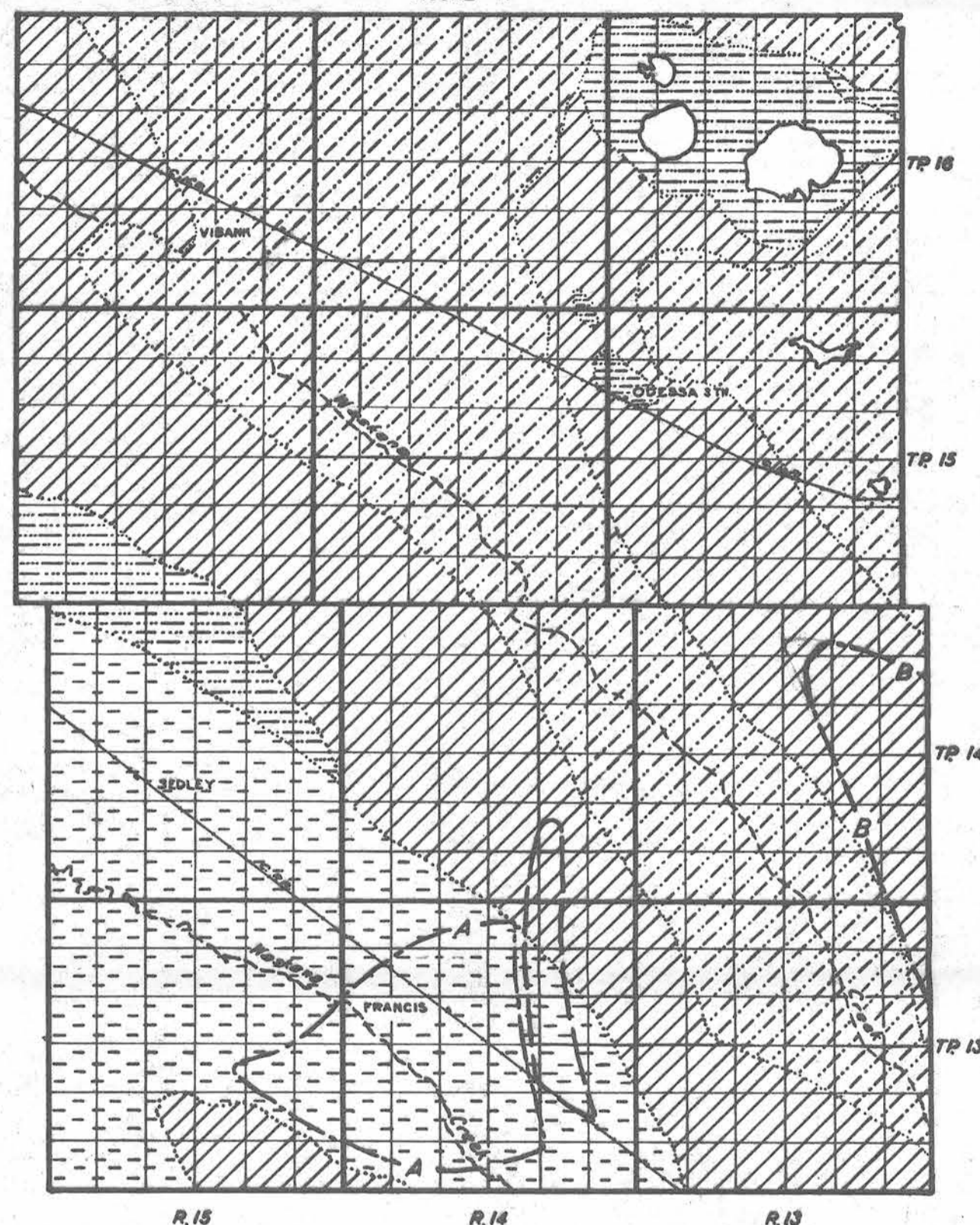


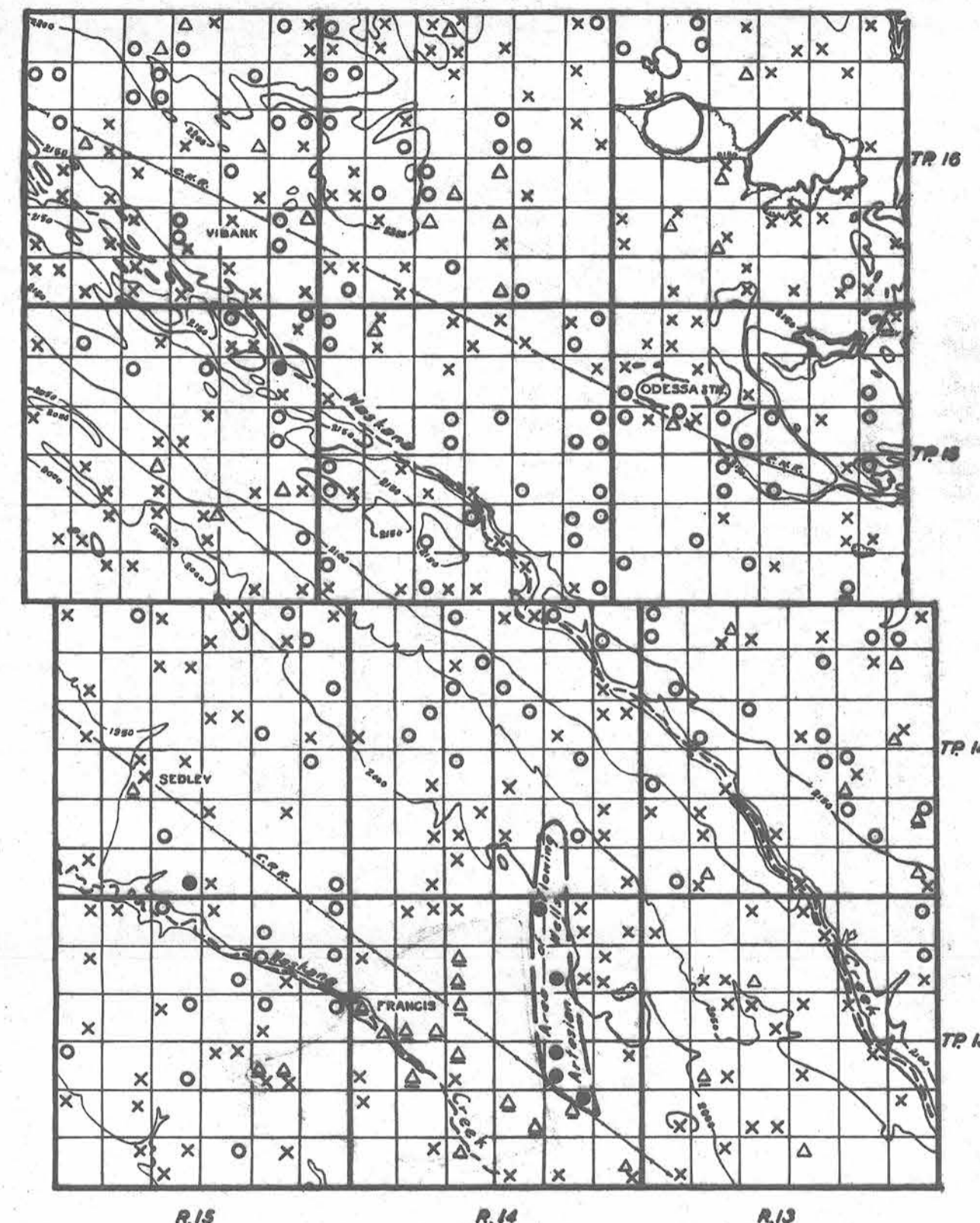
# RURAL MUNICIPALITY OF FRANCIS NO-127, SASKATCHEWAN

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



Glacial lake sands in which small supplies of slightly mineralised water can be obtained at depths less than 30 feet below the surface



Glacial lake clays. Fairly abundant supplies of mineralised water can be obtained from sand and gravel beds that underlie the clay at less than 40 feet below the surface



Glacial sands and gravels, (glacial outwash) in which abundant supplies of slightly mineralised water can be obtained at depths of less than 15 feet below the surface



Area of knolls and depressions, (moraine) in which small supplies of ground water can be obtained at depths less than 40 feet below the surface



Boulder clay or till plain in which small supplies of ground water can be obtained at depths less than 40 feet below the surface

## NOTE

In the areas covered by glacial till and moraine, abundant supplies of highly mineralised water can be obtained from beds of sand and gravel that lie at depths between 60 feet below the surface and the Marine shale bedrock



Boundary of an area in which no permanent supply of ground water is obtainable either from the glacial drift or from the Marine shale bedrock which here lies 10 to 30 feet below the surface



The north-western boundary of an area within which abundant supplies of highly mineralised water, under pressure, can be obtained at depths between 40 to 90 feet below the surface



Boundary of an area in which Flowing Artesian wells occur



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)

