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RURAL MUNICIPALITY OF RENO NO-51, SASKATCHEWAN

Recent stream deposits in which water occurs in sand and gravel beds at depths less than 25 feet

Glacial lake clays. Small supplies of water are obtained from beds of sand that occur interbedded with the clays at depths less than 20 feet, and abundant supplies are obtained at depths of 122 to 180 feet in sand and gravel beds in the glacial drift beneath the clay

Glacial till or boulder clay (till plain) in which water is obtained from isolated pockets of sand and gravel at depths less than 20 feet, and from extensive beds of sand and gravel that occur at or near the base of the drift at depths of 30 to 130 feet

Area of knolls and depressions in glacial drift (moraine) in which small supplies of water may be obtained from isolated pockets of sand and gravel at depths generally less than 20 feet

Area in which the glacial drift is immediately underlain by the Cypress Hills formation

Area in which the glacial drift is immediately underlain by the Ravenscrag formation

Area in which the glacial drift is immediately underlain by the Eastend formation

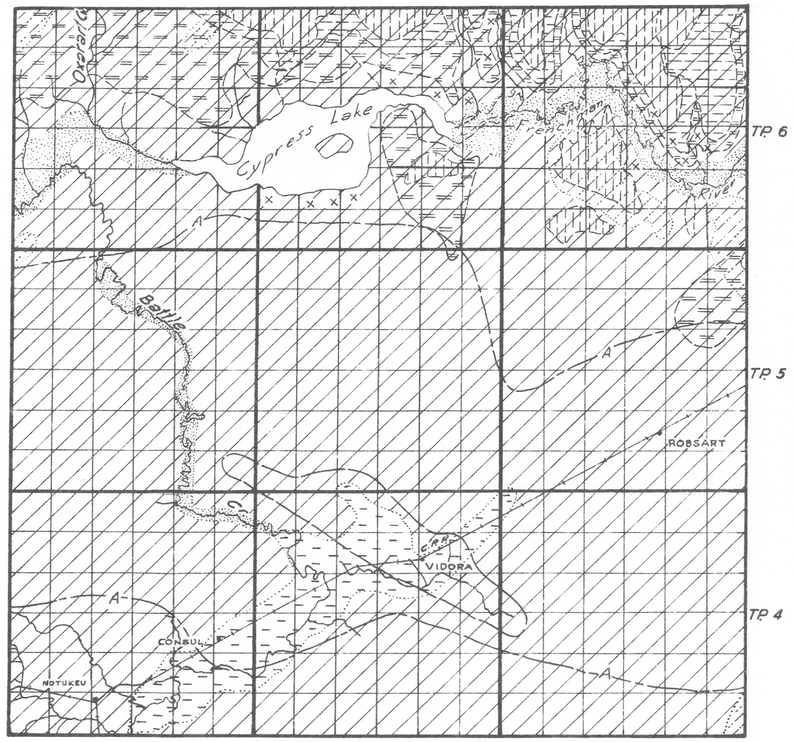
NOTE:
Where only drift symbols are shown, the Bearpaw formation underlies the drift

Outcrop of bedrock

Approximate northern and southern boundaries of area in which water is obtained from deposits at the base of the glacial drift

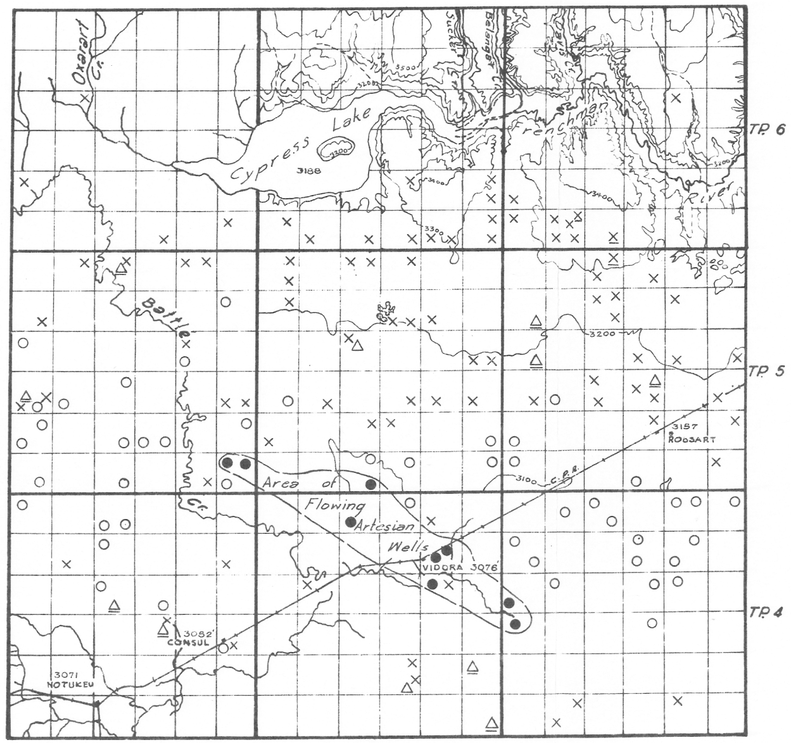
Boundary of area in which Flowing Artesian wells occur

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

Scale of miles

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 100 feet)

GEOLOGICAL SURVEY, DEPARTMENT OF MINES, CANADA, 1936