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RURAL MUNICIPALITY OF.....NO-43, SASKATCHEWAN

Recent sands and gravels in which small supplies of ground water can be obtained within 15 feet of the surface

Sands and gravels (glacial outwash) in which, except where the deposits are too thin to carry water, ample supplies of good water are obtained within 15 feet of the surface

Area of knolls and depressions (moraine) too thin in this area to carry supplies of ground water

Area of boulder clay or till plain. The drift is too thin in this area to carry supplies of water

Ravenscrag formation

Eastend formation

NOTE: The Bearpaw formation immediately underlies the glacial drift in areas where drift symbols only are shown

Outcrop of bedrock

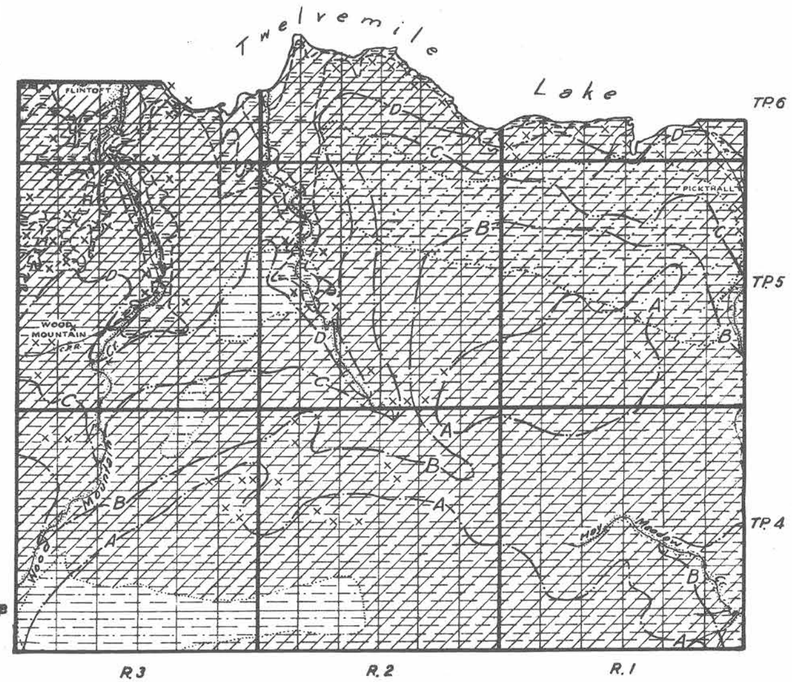
Boundary of "A" water horizon which has an elevation varying from 3080 to 2830 feet above sea level

Boundary of "B" water horizon which has an elevation varying from 2900 to 2700 feet above sea level

Boundary of "C" water horizon which has an elevation varying from 2785 to 2545 feet above sea level

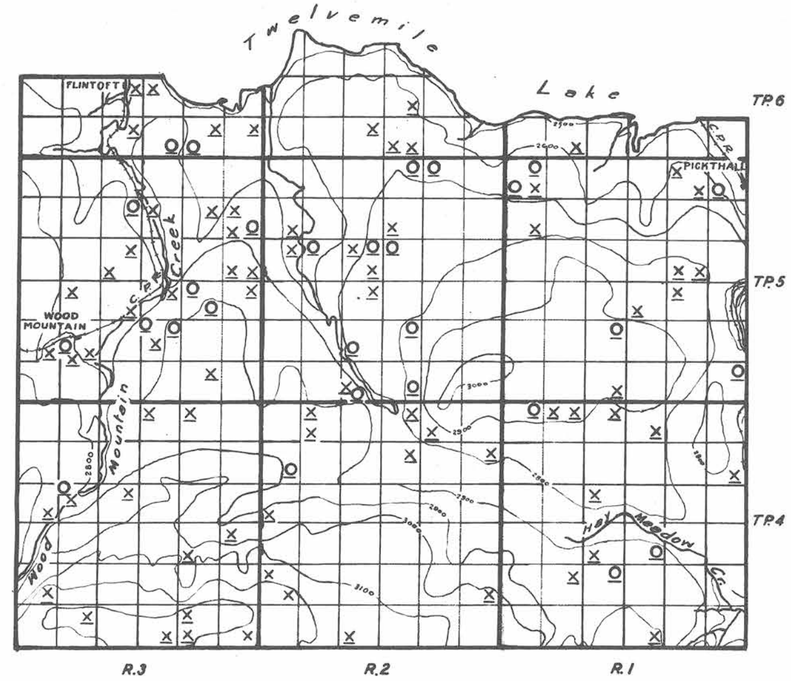
Boundary of "D" water horizon which has an elevation varying from 2740 to 2490 feet above sea level

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 100 feet)

0 3 6 9 12 15 18
Scale of miles