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RURAL MUNICIPALITY OF NORTH QU'APPELLE NO-187, SASKATCHEWAN

Recent stream deposits in which moderate supplies of slightly mineralized ground water are readily obtained from beds of sand and gravel that lie at depths less than 20 feet below the surface

Glacial lake clays. These deposits do not contain ground water supplies. NOTE: Moderate supplies of slightly mineralized ground water are readily obtained from extensive layers of sand and gravel that occur in the underlying boulder clay, at depths of 8 to 30 feet below the surface

Area of knolls and depressions, in glacial drift (moraine), in which very small supplies of ground water are obtained from thin layers of sand that occur at depths less than 50 feet below the surface

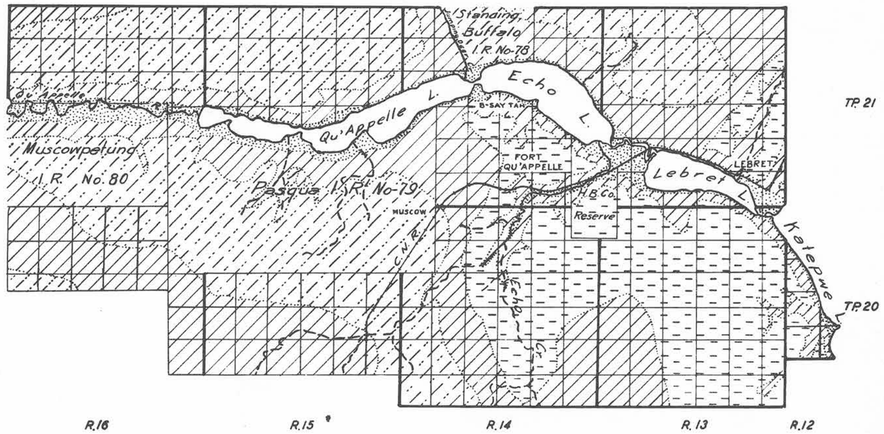
Boulder clay or glacial till in which small to moderate supplies of ground water are obtained from layers and small pockets of sand or gravel that lie at depths less than 40 feet below the surface

NOTE:

Abundant supplies of water under pressure are being obtained from discontinuous water-bearing horizons of sand and gravel that lie between depths of 60 and 330 feet below the surface in the moraine and till covered areas.

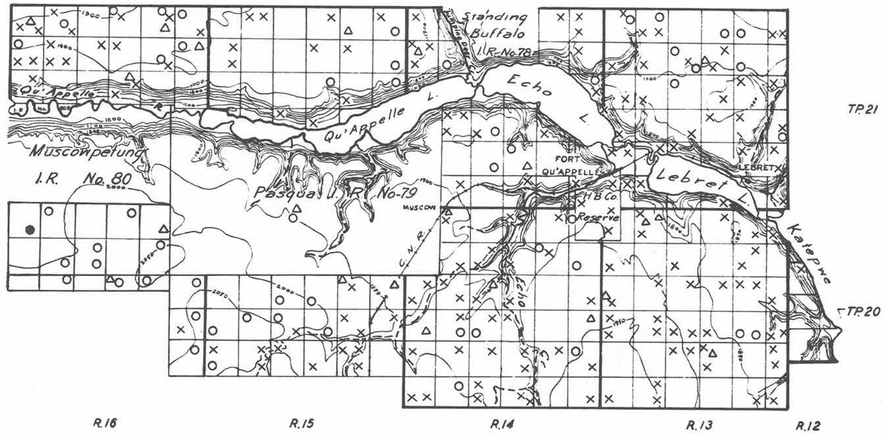
The Marine Shale series underlies the glacial drift throughout the municipality

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

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)