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RURAL MUNICIPALITY OF STANLEY NO-215, SASKATCHEWAN

Glacial lake sands in which small supplies of slightly mineralized water may be obtained at depths of 15 feet or less

Glacial lake clays in which no water is obtained. NOTE: Small to moderate supplies of water are obtained from pockets of sand and gravel in the underlying glacial drift at depths of 40 feet or less.

Glacial outwash sands and gravels in which moderate supplies of slightly mineralized water are obtained at depths of 20 feet or less

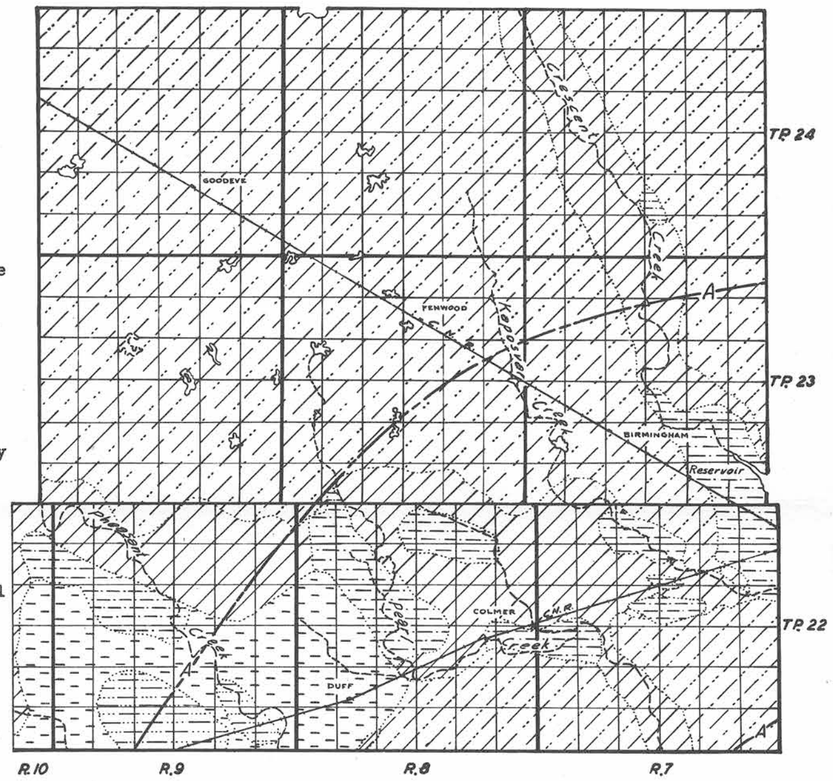
Area of knolls and depressions in glacial drift (moraine) in which small supplies of water are obtained from pockets of sand and gravel at depths of 40 feet or less

Boulder clay or glacial till in which small to moderate supplies of water are obtained from pockets of sand and gravel at depths of 40 feet or less

Boundaries of an area in which abundant supplies of highly mineralized water under pressure are obtained from sand and gravel in the glacial drift at depths of 40 to 100 feet

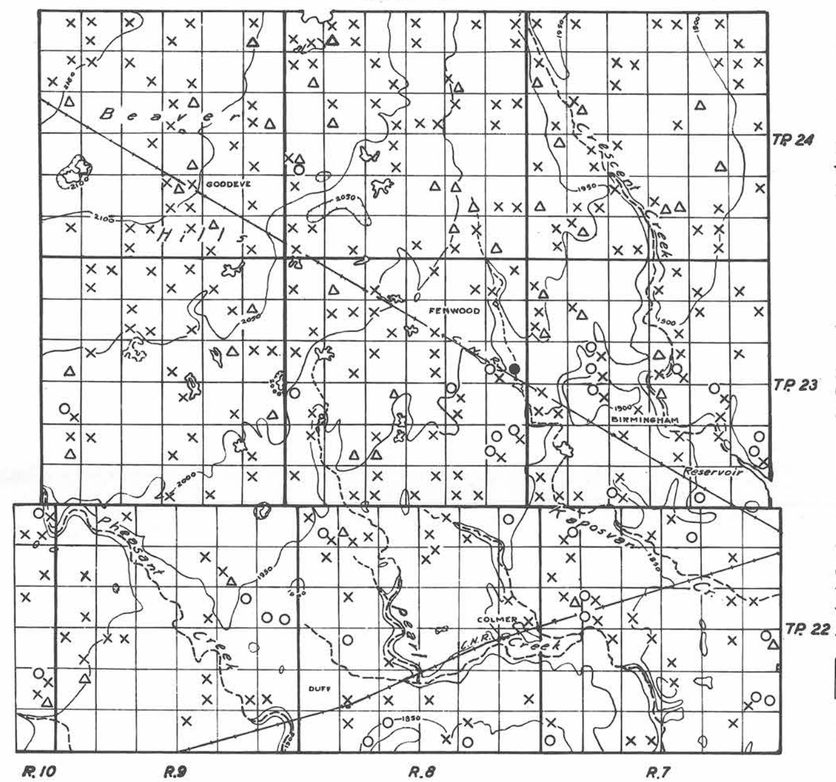
NOTE:
The Marine Shale series underlies the glacial drift throughout the municipality

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

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)

0 3 6 9 12 15 18
Scale of miles