This document was produced by scanning the original publication.

Ce document est le produit d'une numérisation par balayage de la publication originale.

Advance Copy
Subject to revision

RURAL MUNICIPALITY OF HILLSBURGH NO-289, SASKATCHEWAN

Glacial lake clays in which ground water is difficult to obtain.
NOTE - The wells in the area of glacial lake clays are deriving their water supplies largely from the underlying glacial till

Areas of knolls and depressions in glacial drift (moraine) in which ground water is being obtained from scattered deposits of sand and gravel at depths of 30 to 225 feet below the surface

Boulder clay or till plain in which ground water is being obtained from scattered pockets of sand and gravel at depths of 30 to 188 feet below the surface

Boundary of area in which ground water is being obtained from the Belly River formation that underlies the Bearpaw at depths of 64 to 160 feet below the surface or at elevations of 2285 to 2215 feet above sea-level

Boundary of area in which ground water is being obtained from the Belly River formation that underlies the Bearpaw at depths of 110 to 190 feet below the surface or at elevations of 2218 to 2155 feet above sea-level

Approximate geological boundary between the Belly River formation on the northwest and the Bearpaw formation on the southeast

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