

CRETACEOUS

UPPER CRETACEOUS

BEARPAW FORMATION: dark shale, green sand; smooth chert pebbles and rounded nodules

PALE AND VARIEGATED BEDS: white to light grey bentonitic sand, light to dark grey shale; brown ironstone nodules; thin coal seams

BIRCH LAKE FORMATION: brownish and yellowish weathering sand and sandstone

GRIZZLY BEAR FORMATION: dark grey shale

RIBSTONE CREEK FORMATION: grey and greenish grey sand and sandstone, dark grey shale and sandy shale; thin coal seams

LEA PARK FORMATION: dark grey shale with discontinuous bands of ironstone nodules; fine-grained sand and sandy shale member close to the top

MESOZOIC

NOTE: Only those formations that occur in this map-area are patterned in the legend. The other formations occur elsewhere in west-central Saskatchewan.

Geological boundary (approximate)
Rock outcropx
Bore-hole for oil and gasB.H.o

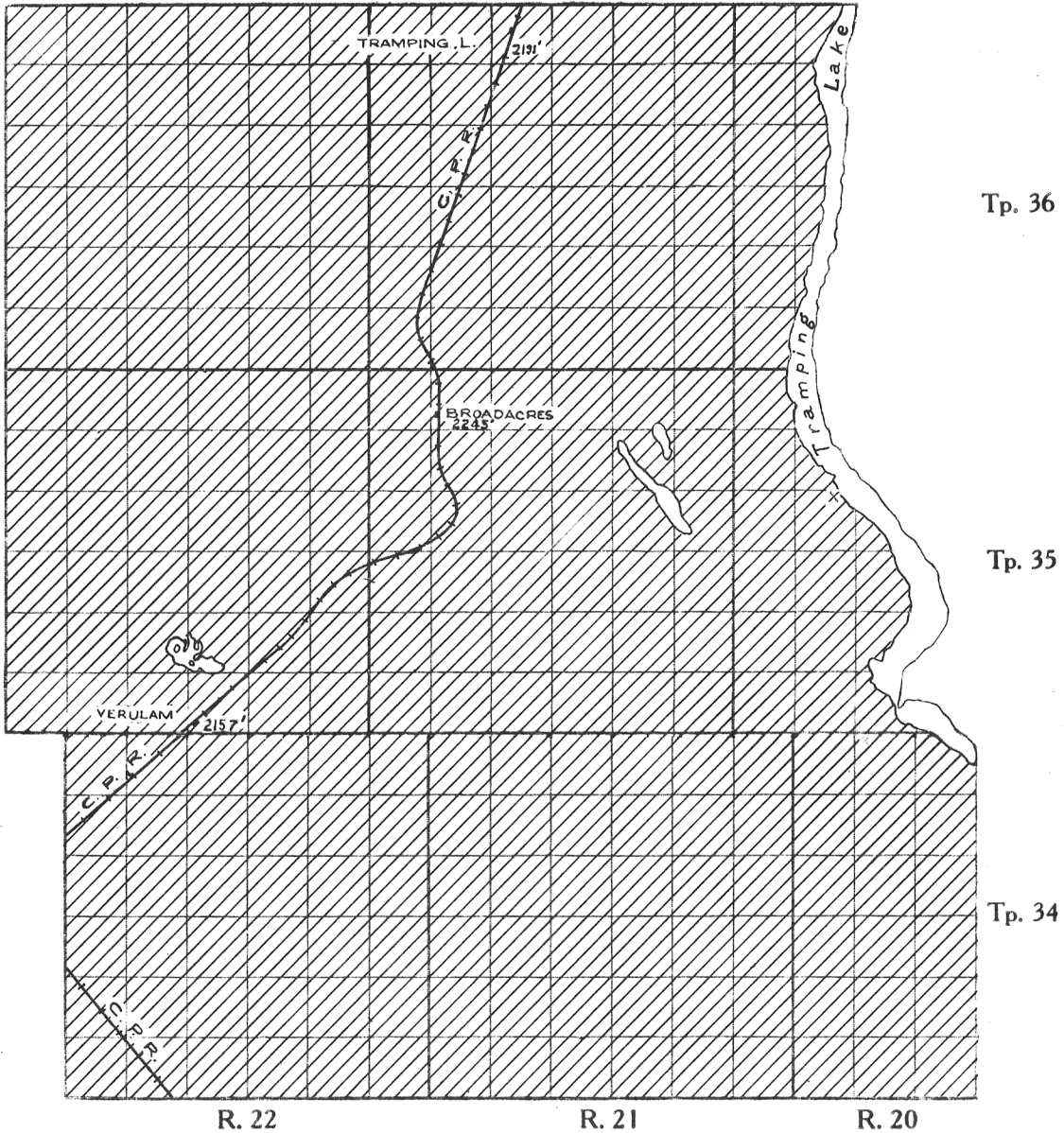


FIGURE 1. MAP SHOWING BEDROCK GEOLOGY

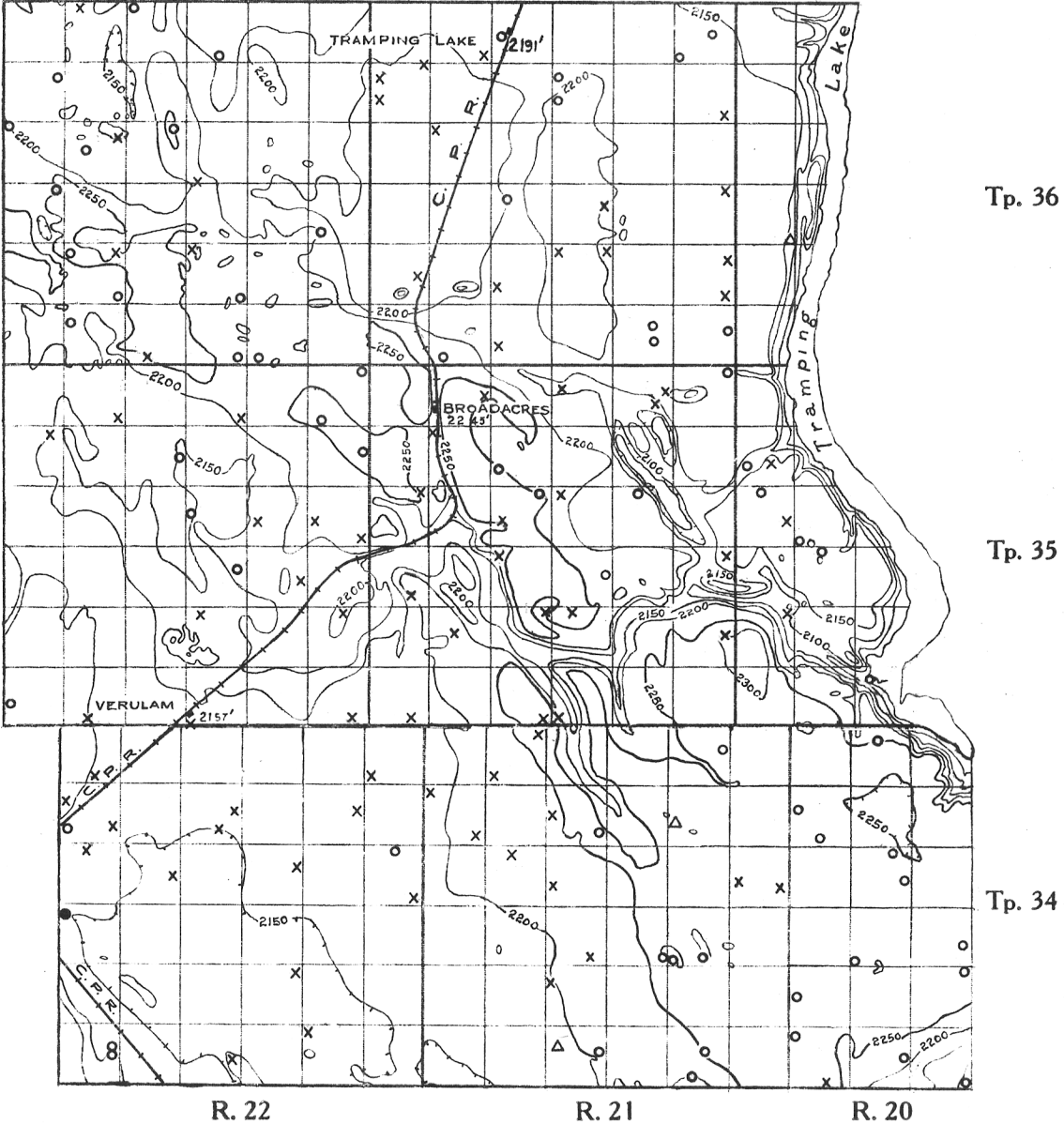


FIGURE 2. MAP SHOWING TOPOGRAPHY AND THE LOCATION AND TYPES OF WELLS

LEGEND

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In Drift

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In Bedrock

WELL, CLASS 1: Flowing wells

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In Drift

○

In Bedrock

WELL, CLASS 2: Wells in which the water is under pressure but does not rise to the surface

x

In Drift

x

In Bedrock

WELL, CLASS 3: Wells in which the water does not rise above the water-table

△

In Drift

△

In Bedrock

DRY HOLES

○

SPRING

NOTE. The above symbols apply to a larger region in west-central Saskatchewan, and may not all appear within the limits of this municipality.

Forest Reserve boundary
Indian Reserve boundary
Height in feet above mean sea level2068'
Contours, interval 50 feet2000'

WATER SUPPLY PAPER 230
RURAL MUNICIPALITY OF
MARIPOSA NO. 350
SASKATCHEWAN

Scale: 1 inch to 3 miles

