CANADA
DEPARTMENT OF MINES AND RESOURCES
MINES AND GEOLOGY BRANCH
BUREAU OF GEOLOGY AND TOPOGRAPHY
GEOLOGICAL SURVEY

LEGEND

MESOZOIC

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

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 outcrop x

Bore-hole for oil and gas .....B.H.o

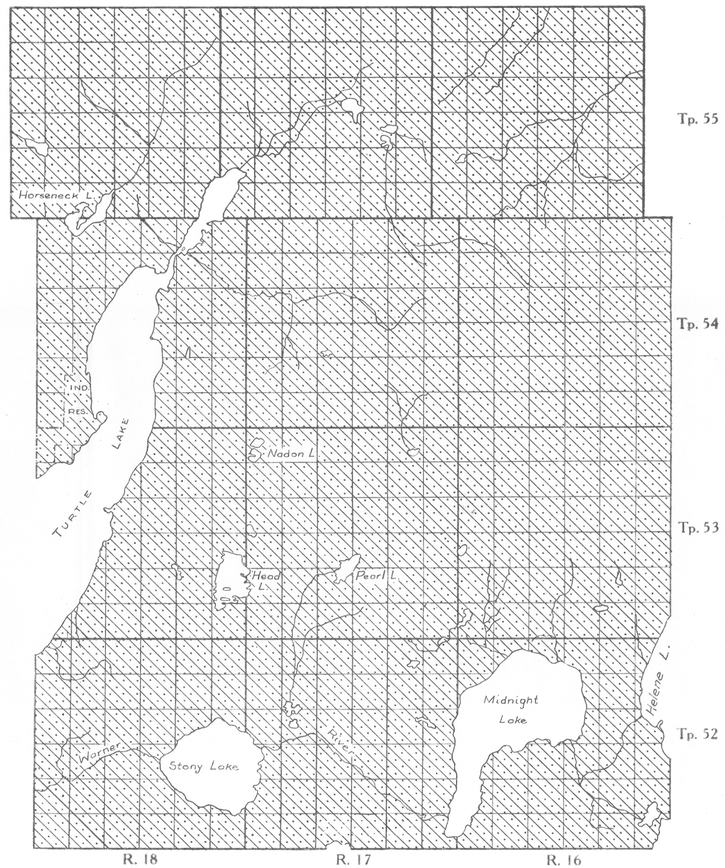

FIGURE 1. MAP SHOWING BEDROCK GEOLOGY

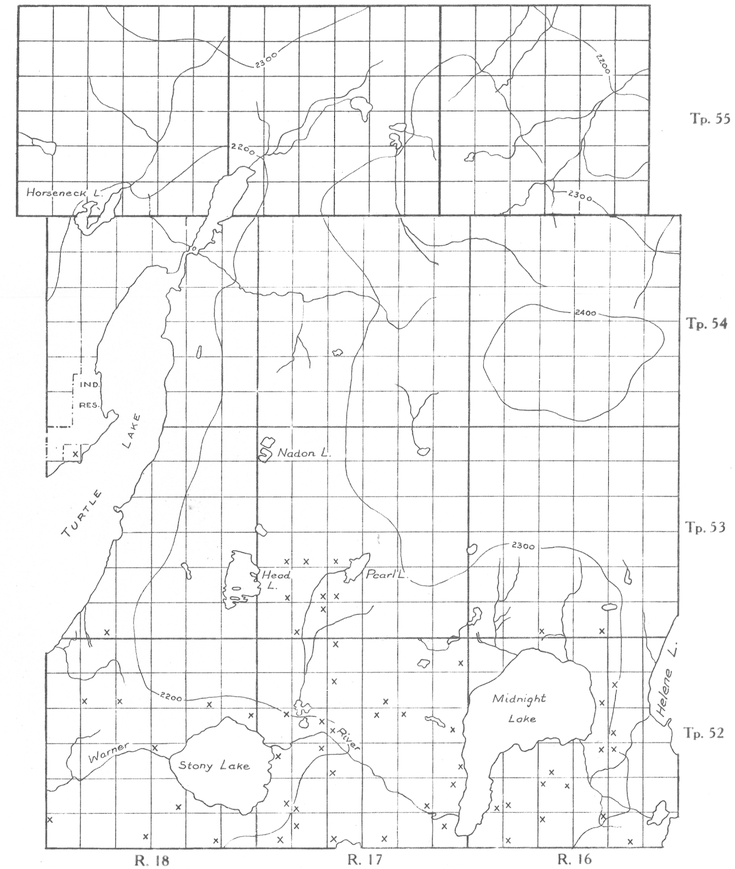

FIGURE 2. MAP SHOWING TOPOGRAPHY AND THE LOCATION AND TYPES OF WELLS

LEGEND

In Drift / *In Bedrock* — *WELL, CLASS 1: Flowing wells*

In Drift / *In Bedrock* — *WELL, CLASS 2: Wells in which the water is under pressure but does not rise to the surface*

In Drift / *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 level .....2089'

Contours, interval 100 feet 2000

WATER SUPPLY PAPER 259

LOCAL IMPROVEMENT DISTRICT NO. 528

SASKATCHEWAN

Scale: 1 inch to 3 miles

3 0 3 6 9 12 15

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