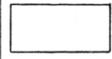
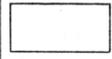


LEGEND

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

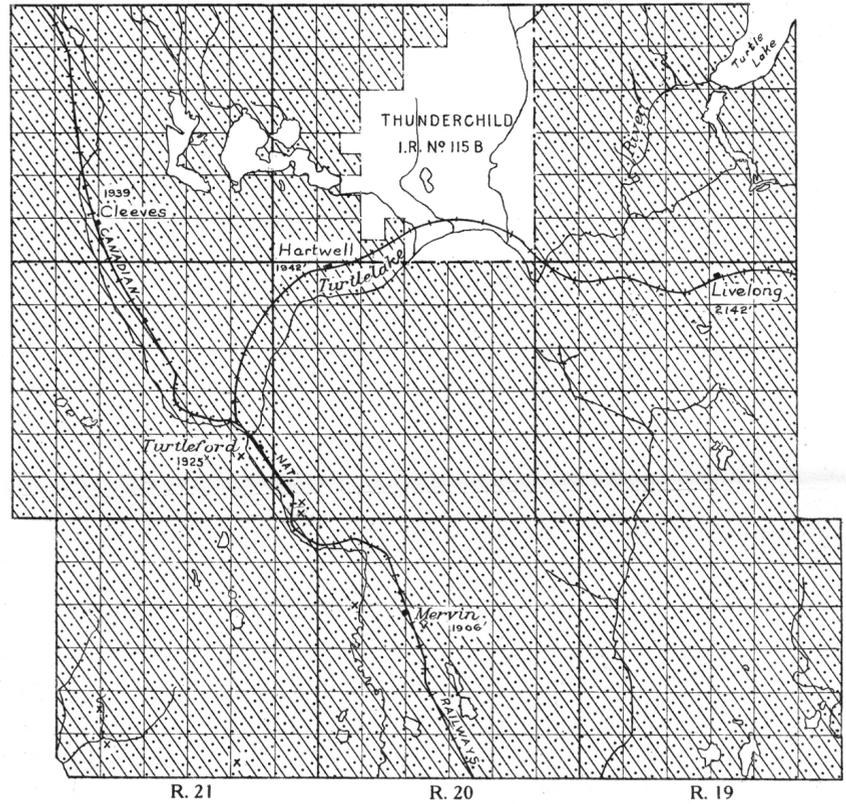
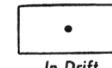
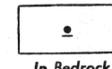
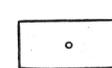
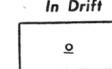
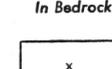


FIGURE 1. MAP SHOWING BEDROCK GEOLOGY

LEGEND

-  **WELL, CLASS 1: Flowing wells**
-  **WELL, CLASS 2: Wells in which the water is under pressure but does not rise to the surface**
-  **WELL, CLASS 3: Wells in which the water does not rise above the water-table**
-  **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 2000'
- Contours, interval 100 feet

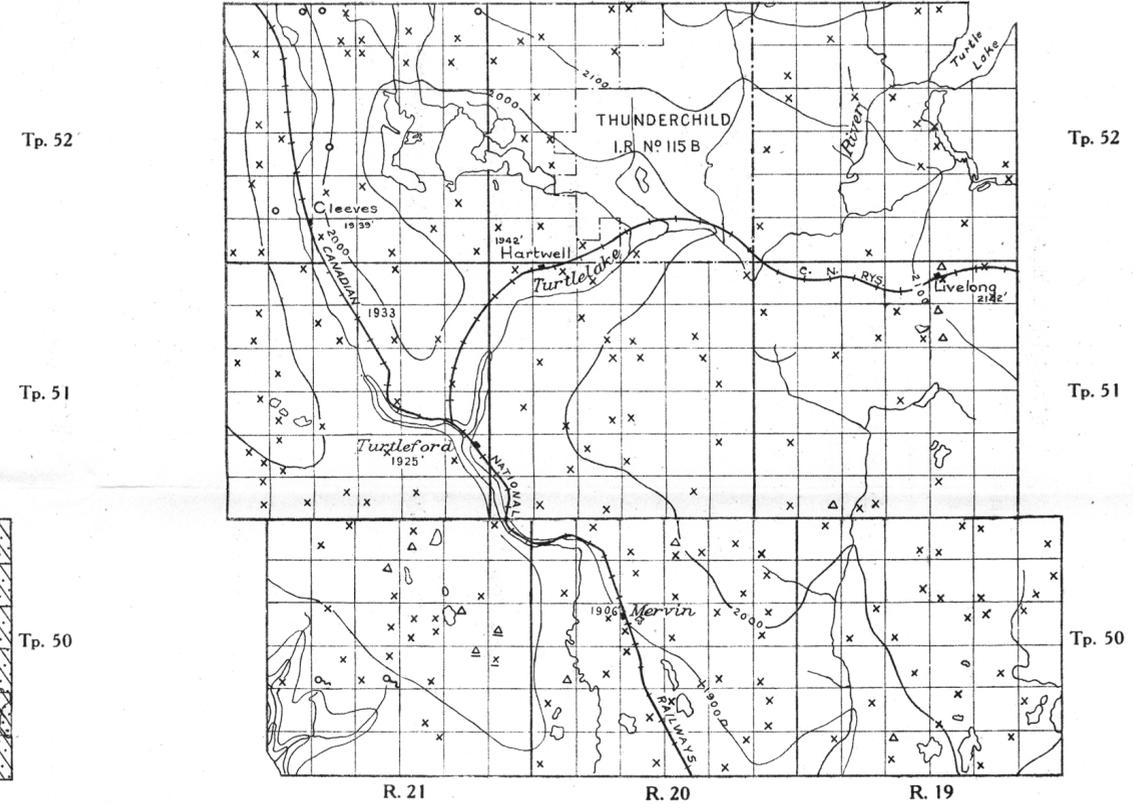


FIGURE 2. MAP SHOWING TOPOGRAPHY AND THE LOCATION AND TYPES OF WELLS

WATER SUPPLY PAPER 256
 RURAL MUNICIPALITY OF
MERVIN NO. 499
 SASKATCHEWAN

Scale: 1 inch to 3 miles