

- LEGEND**
- MESOZOIC OR CENOZOIC**
- TERTIARY PALEOCENE**
- 8 TURTLE MOUNTAIN FORMATION
- CRETACEOUS OR TERTIARY**
- 7 BOISSEVIN FORMATION
- CRETACEOUS UPPER CRETACEOUS**
- 6 RIDING MOUNTAIN FORMATION
 - 5 VERMILION RIVER FORMATION
 - 4 FAVEL FORMATION
- LOWER AND UPPER CRETACEOUS**
- 3 ASHVILLE FORMATION
- JURASSIC AND CRETACEOUS LOWER CRETACEOUS AND EARLIER**
- 2 SWAN RIVER GROUP
- JURASSIC OR EARLIER**
- 1 AMARANTH FORMATION

- PRINCIPAL AQUIFERS**
- Area in which wells produce from surface sands, delta and fan deposits. Driven wells 10-90 feet
 - Area in which wells produce from aquifers below Lake Agassiz sediments. Drilled wells 75-200 feet
 - Area in which wells produce from Riding Mountain formation. Dug and bored wells, 15-50 feet. Drilled wells 100-400 feet
 - Area in which wells produce from Boissevain or Turtle Mountain formations

- Well ending in glacial drift 10
- Depth to water, feet below surface 19
- Total depth in feet 36
- Well ending in bedrock 15
- Depth to bedrock in feet 15
- Depth to water, feet below surface 18
- Total depth in feet 35
- Note: Two numbers only indicate depth to water, and total depth
- Well ending in glacial drift or bedrock (water rises to the surface and flows) 92
- Total depth in feet 92
- Well ending in fan, deltaic or windblown surface sands, into which a sandpoint is driven 18
- Total depth in feet 38
- Test hole 140
- Wells sampled for chemical analysis ●●●●

Geology by E. C. Halstead, 1933

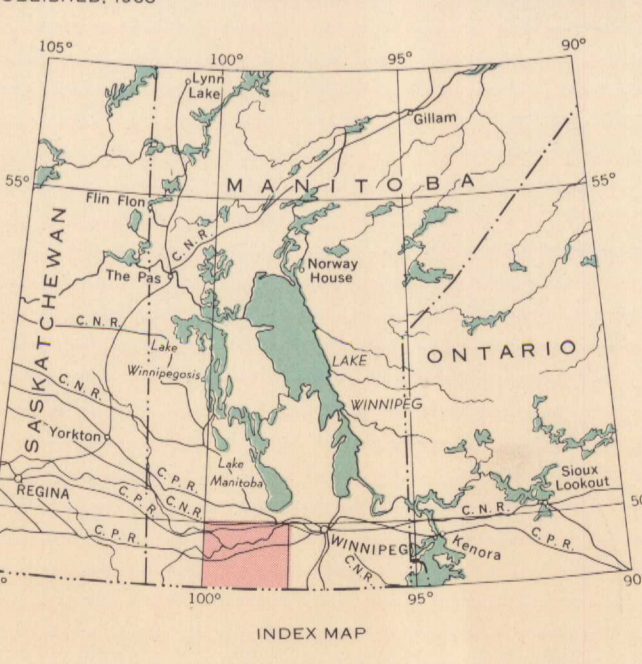
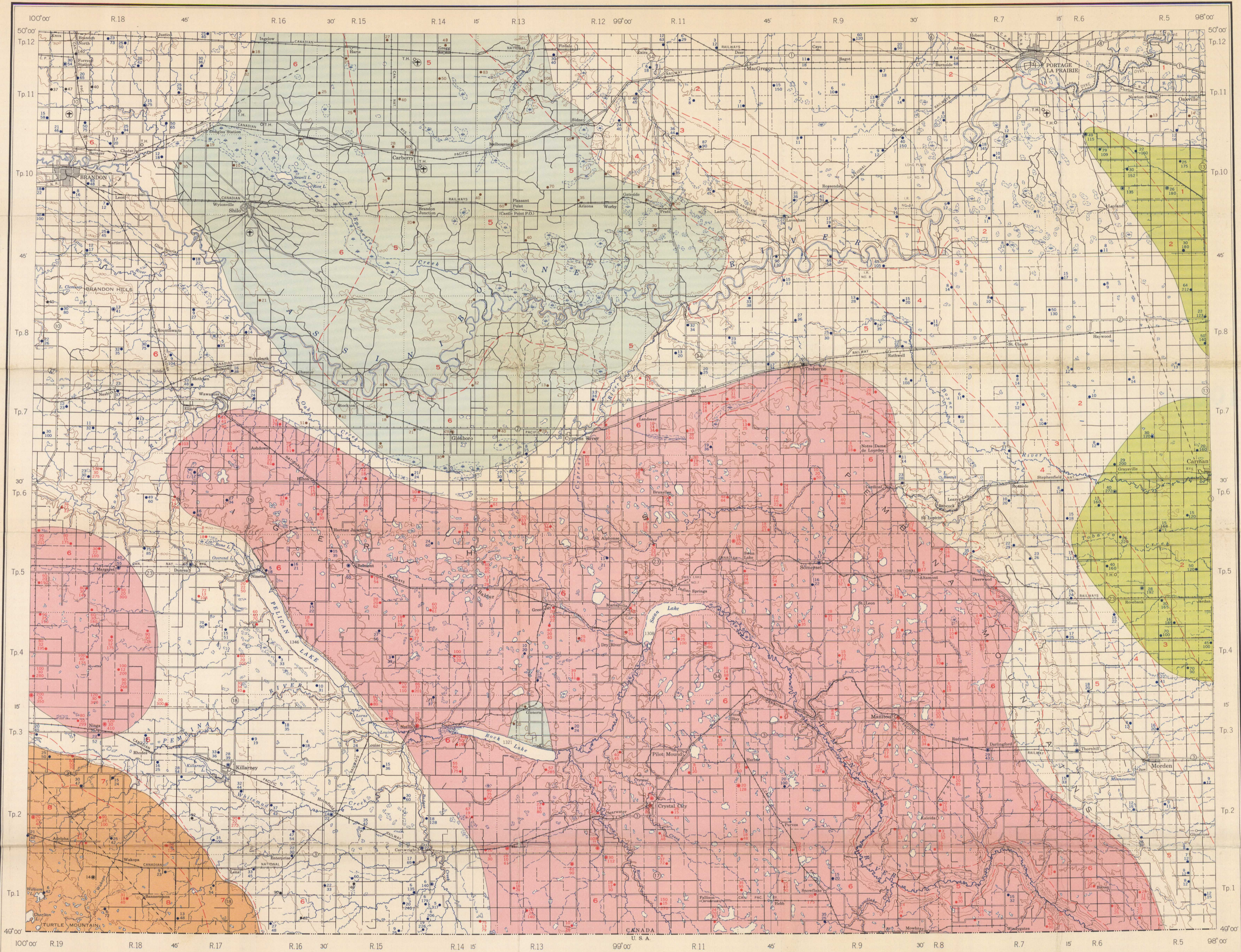
To accompany Geological Survey of Canada Memoir 300 by E. C. Halstead

Base-map compiled by the Surveys and Mapping Branch

Cartography by the Geological Survey of Canada, 1960

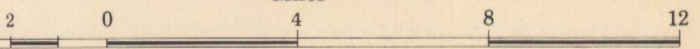
Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario.

Approximate magnetic declination, 11° 07' East



MAP 1066A
BEDROCK GEOLOGY AND PRINCIPAL AQUIFERS
BRANDON
 WEST OF PRINCIPAL MERIDIAN
 MANITOBA

Scale: One Inch to Four Miles = $\frac{1}{253,440}$ Miles



COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

- REFERENCE**
- Main highway ②
 - Secondary road ————
 - Other road - - - - -
 - Cart track ————
 - Trail - - - - -
 - Railway ————
 - Abandoned railway - - - - -
 - Power transmission line (along road) ————
 - International boundary ————
 - Surveyed line ————
 - Indian Reserve boundary ————
 - Intermittent lake and stream ————
 - Irrigation canal or ditch ————
 - Contour (interval 100 feet) ————
 - Height in feet above mean sea-level 1:121

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