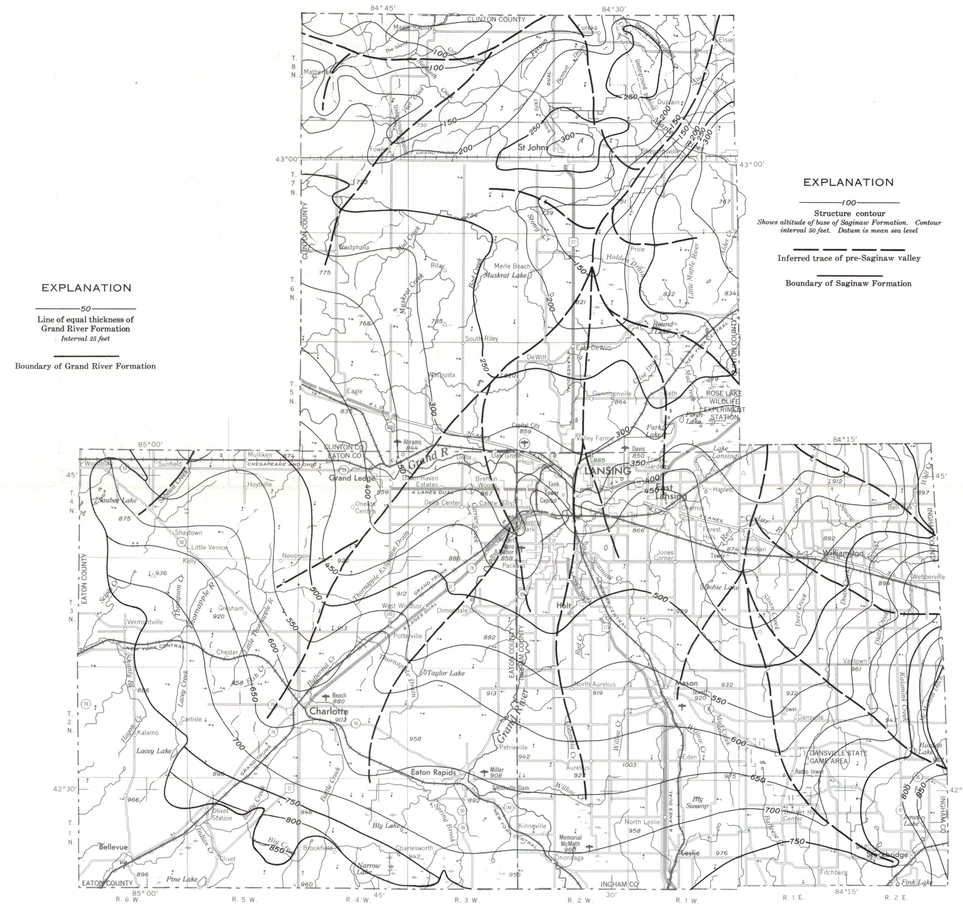
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

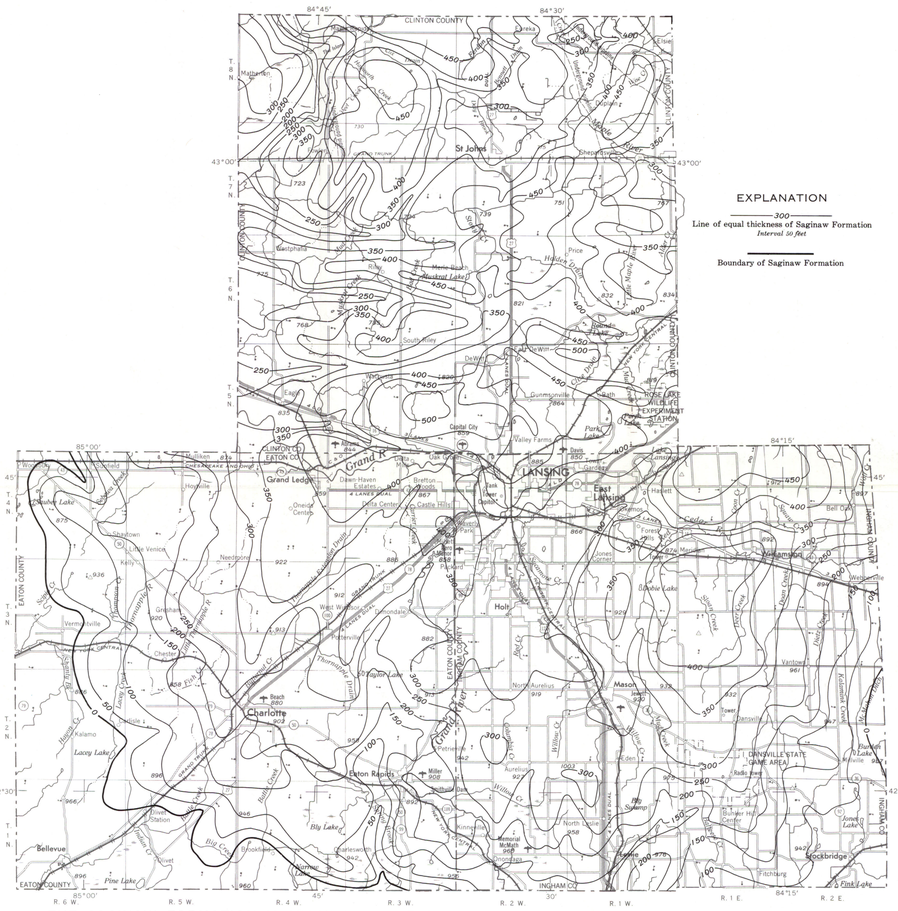
PREPARED IN COOPERATION WITH THE
TRI-COUNTY REGIONAL PLANNING COMMISSION
AND THE
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

WATER-SUPPLY PAPER 1969
PLATE 3

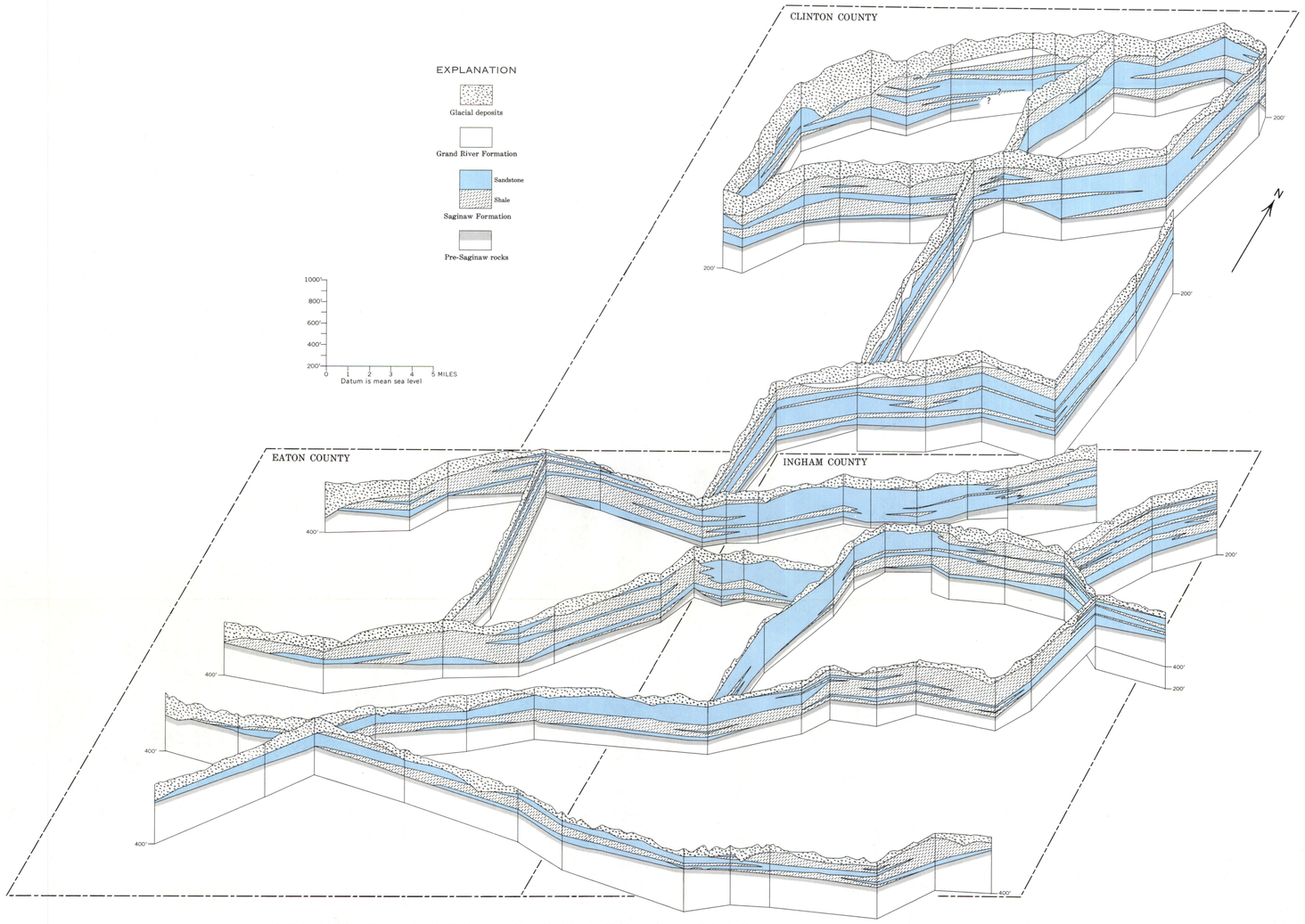
THE GRAND RIVER FORMATION, WHICH OCCURS PRINCIPALLY IN CLINTON COUNTY, IS AS MUCH AS 125 FEET THICK



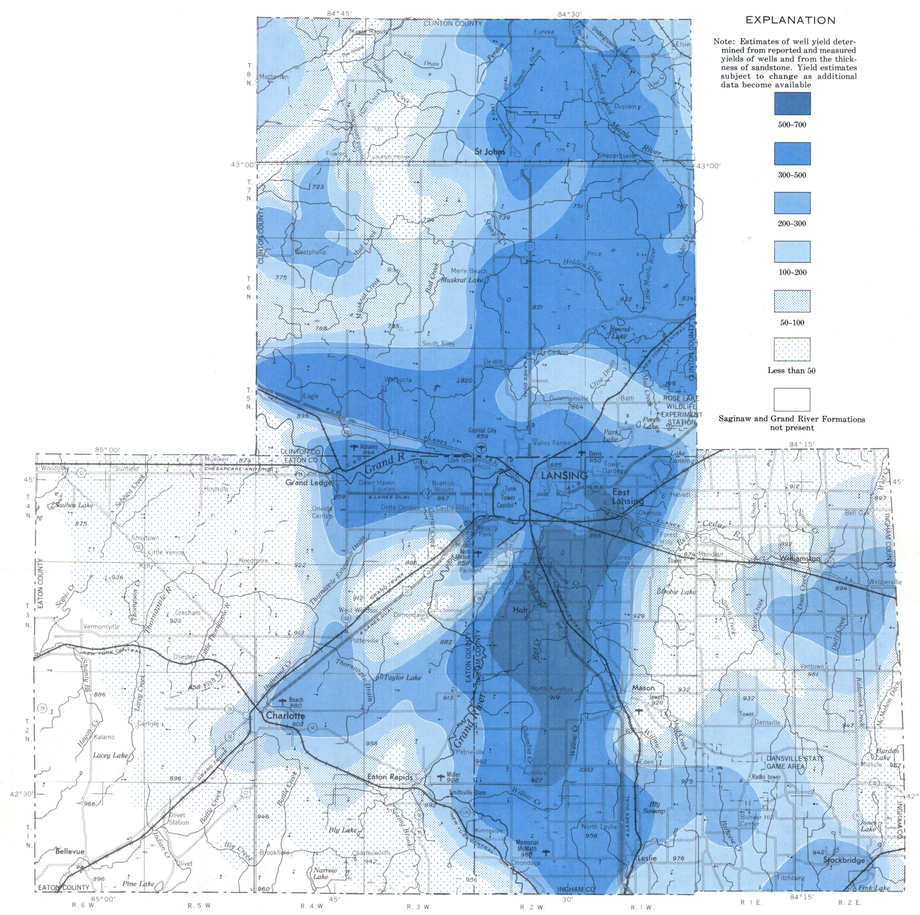
THE ALTITUDE OF THE BASE OF THE SAGINAW FORMATION RANGES FROM LESS THAN 100 FEET IN NORTHWESTERN CLINTON COUNTY TO MORE THAN 800 FEET IN THE SOUTHERN PART OF THE REGION



THE SAGINAW FORMATION IS MISSING IN THE SOUTHWEST PART OF THE REGION BUT IS MORE THAN 400 FEET THICK IN PARTS OF INGHAM AND CLINTON COUNTIES



OVER MUCH OF THE REGION THE SAGINAW FORMATION INCLUDES RELATIVELY THICK BEDS OF WATER-BEARING SANDSTONES



THE YIELD OF WELLS TAPPING THE SAGINAW AND GRAND RIVER FORMATIONS IS GREATEST IN THE WESTERN PART OF INGHAM COUNTY AND THE EASTERN PART OF CLINTON COUNTY

Base from U.S. Geological Survey
Grand Rapids, 1958; Midland, 1966

BEDROCK-AQUIFER MAPS AND FENCE DIAGRAM, CLINTON, EATON, AND INGHAM COUNTIES, MICHIGAN

SCALE 1:250 000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 30 35 KILOMETERS

(THIS SCALE APPLIES TO ALL ABOVE MAPS EXCEPT FENCE DIAGRAM)

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