

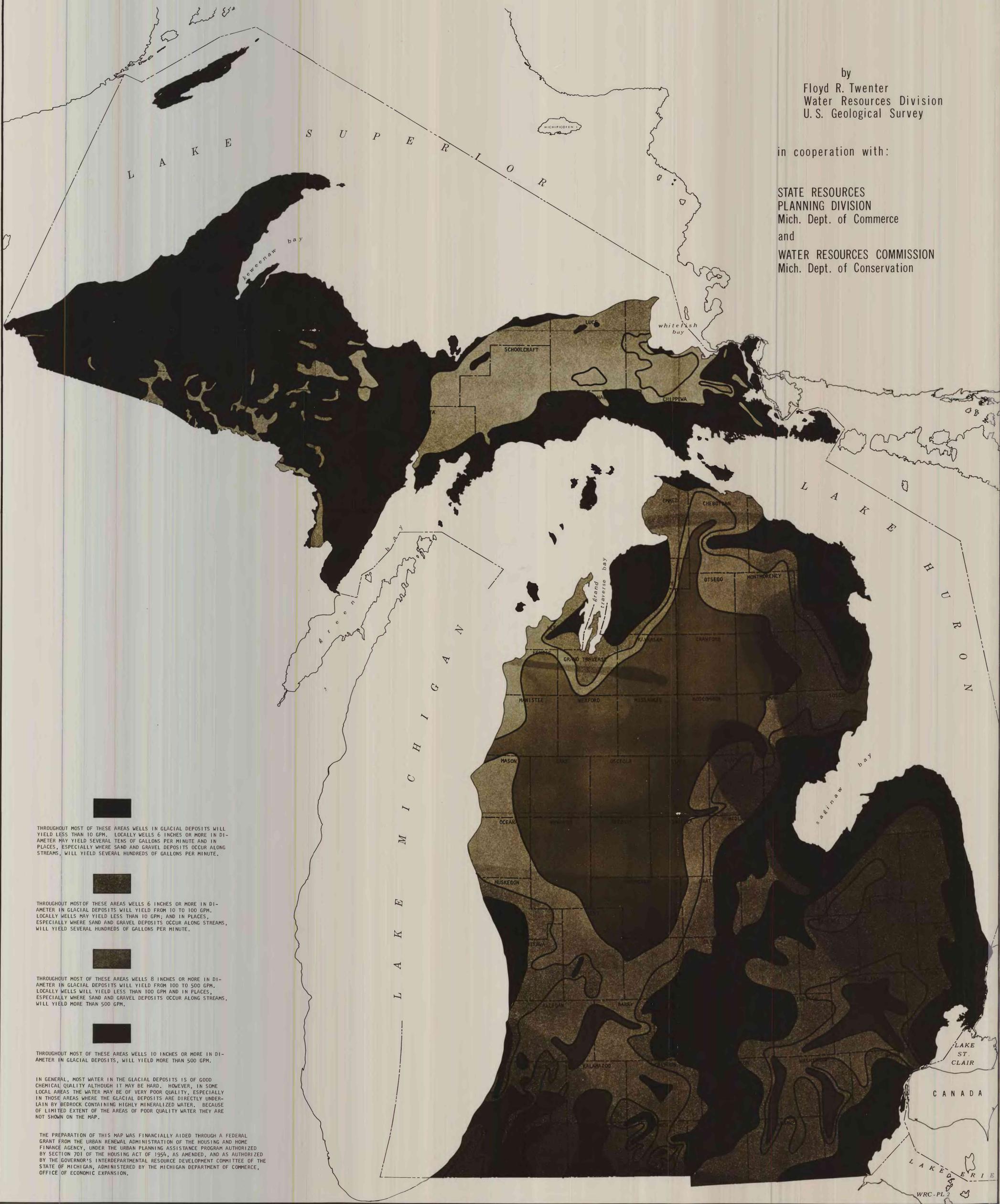
GENERAL AVAILABILITY OF GROUNDWATER IN THE GLACIAL DEPOSITS IN MICHIGAN

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in cooperation with:

STATE RESOURCES
PLANNING DIVISION
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and

WATER RESOURCES COMMISSION
Mich. Dept. of Conservation



THROUGHOUT MOST OF THESE AREAS WELLS IN GLACIAL DEPOSITS WILL YIELD LESS THAN 10 GPM. LOCALLY WELLS 6 INCHES OR MORE IN DIAMETER MAY YIELD SEVERAL TENS OF GALLONS PER MINUTE AND IN PLACES, ESPECIALLY WHERE SAND AND GRAVEL DEPOSITS OCCUR ALONG STREAMS, WILL YIELD SEVERAL HUNDREDS OF GALLONS PER MINUTE.

THROUGHOUT MOST OF THESE AREAS WELLS 6 INCHES OR MORE IN DIAMETER IN GLACIAL DEPOSITS WILL YIELD FROM 10 TO 100 GPM. LOCALLY WELLS MAY YIELD LESS THAN 10 GPM; AND IN PLACES, ESPECIALLY WHERE SAND AND GRAVEL DEPOSITS OCCUR ALONG STREAMS, WILL YIELD SEVERAL HUNDREDS OF GALLONS PER MINUTE.

THROUGHOUT MOST OF THESE AREAS WELLS 8 INCHES OR MORE IN DIAMETER IN GLACIAL DEPOSITS WILL YIELD FROM 100 TO 500 GPM. LOCALLY WELLS WILL YIELD LESS THAN 100 GPM AND IN PLACES, ESPECIALLY WHERE SAND AND GRAVEL DEPOSITS OCCUR ALONG STREAMS, WILL YIELD MORE THAN 500 GPM.

THROUGHOUT MOST OF THESE AREAS WELLS 10 INCHES OR MORE IN DIAMETER IN GLACIAL DEPOSITS, WILL YIELD MORE THAN 500 GPM.

IN GENERAL, MOST WATER IN THE GLACIAL DEPOSITS IS OF GOOD CHEMICAL QUALITY ALTHOUGH IT MAY BE HARD. HOWEVER, IN SOME LOCAL AREAS THE WATER MAY BE OF VERY POOR QUALITY, ESPECIALLY IN THOSE AREAS WHERE THE GLACIAL DEPOSITS ARE DIRECTLY UNDERLAIN BY BEDROCK CONTAINING HIGHLY MINERALIZED WATER. BECAUSE OF LIMITED EXTENT OF THE AREAS OF POOR QUALITY WATER THEY ARE NOT SHOWN ON THE MAP.

THE PREPARATION OF THIS MAP WAS FINANCIALLY AIDED THROUGH A FEDERAL GRANT FROM THE URBAN RENEWAL ADMINISTRATION OF THE HOUSING AND HOME FINANCE AGENCY, UNDER THE URBAN PLANNING ASSISTANCE PROGRAM AUTHORIZED BY SECTION 701 OF THE HOUSING ACT OF 1954, AS AMENDED, AND AS AUTHORIZED BY THE GOVERNOR'S INTERDEPARTMENTAL RESOURCE DEVELOPMENT COMMITTEE OF THE STATE OF MICHIGAN, ADMINISTERED BY THE MICHIGAN DEPARTMENT OF COMMERCE, OFFICE OF ECONOMIC EXPANSION.