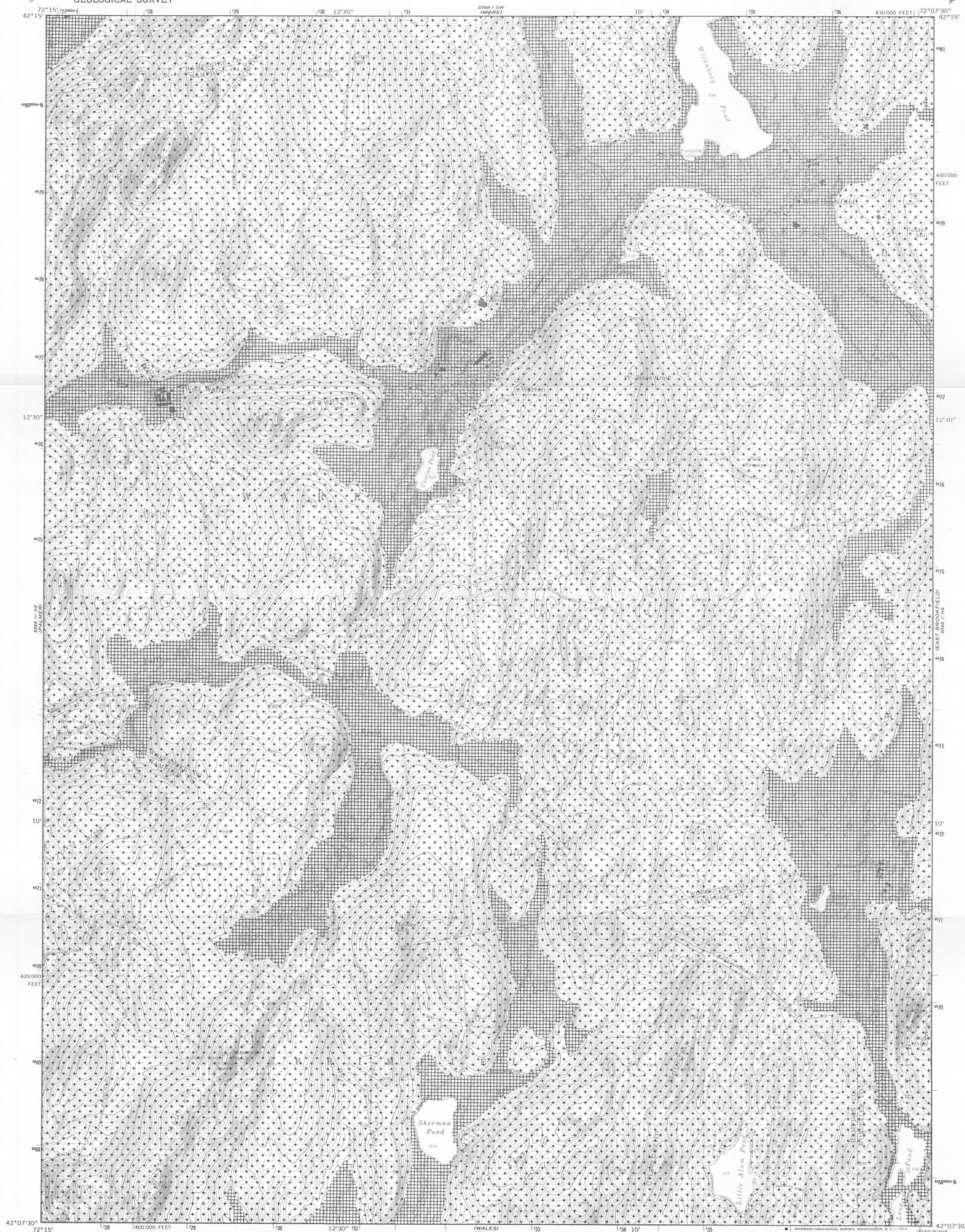


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



EXPLANATION

AVAILABILITY OF WATER FROM UNCONSOLIDATED DEPOSITS



Areas in which most properly developed individual wells can be expected to yield less than 25 gpm (gallons per minute) (1.6 liters per second). Deposits include till, very fine sand, silt, and clay with a variable water-saturated thickness as well as sand, gravel, and interbedded sand and gravel with a water-saturated thickness of 10 feet (3 meters) or less.



Areas in which most properly developed individual wells can be expected to yield more than 25 gpm (1.6 liters per second). Deposits include fine to very coarse sand, gravel, and interbedded sand and gravel with a water-saturated thickness of greater than 10 feet (3 meters).

AVAILABILITY OF WATER FROM BEDROCK

Unconsolidated deposits are everywhere underlain by crystalline bedrock. Properly developed individual bedrock wells generally yield less than 20 gpm (1.3 liters per second), however a few wells reportedly yield considerably more.

REFERENCES

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Base on U.S. Geological Survey 1969 10,000-foot grid based on Massachusetts coordinate system, mainland zone. 1000-meter Universal Transverse Mercator grid ticks zone 18, shown in black.



Compiled in part from data gathered in cooperation with the Massachusetts Water Resources Commission, Division of Water Resources



MAP SHOWING AVAILABILITY OF GROUND WATER,
WARREN QUADRANGLE, MASSACHUSETTS

By
Clark J. Londquist
1974