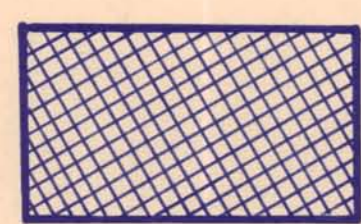
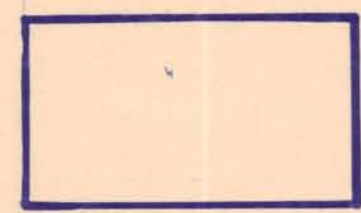


LEGEND



UNDIFFERENTIATED STRATIFIED DEPOSITS
VERY FINE SAND TO VERY COARSE GRAVEL WITH MINOR AMOUNTS OF SILT AND CLAY DEPOSITED AS OUTWASH PLAINS, VALLEY TRAINS, KAMES, KAME PLAINS, KAME DELTAS, UNDIFFERENTIATED ICE-CONTACT DEPOSITS, GLACIAL LAKE DELTAS AND BEACHES, RIVER TERRACES, AND ALLUVIAL FANS. GENERALLY YIELDS MODERATE TO LARGE AMOUNTS OF WATER TO WELLS.



TILL DEPOSITS AND BEDROCK
TILL IS A HETEROGENEOUS MIXTURE OF CLAY, SILT, SAND, GRAVEL, AND BOULDERS DEPOSITED DIRECTLY BY GLACIAL ICE WITH LITTLE OR NO SORTING BY RUNNING WATER. BEDROCK (LEDGE) CROPS OUT EXTENSIVELY OR IS PRESENT AT SHALLOW DEPTHS. TILL GENERALLY YIELDS ONLY VERY SMALL AMOUNTS OF WATER TO WELLS. BEDROCK GENERALLY YIELDS ONLY SMALL AMOUNTS OF WATER TO WELLS, ALTHOUGH LOCAL AREAS OF FRACTURE POROSITY IN SOME BEDROCK UNITS CAN YIELD MODERATE AMOUNTS OF WATER FOR INDUSTRIAL OR MUNICIPAL SUPPLY.

NOTE: GEOLOGICAL INFORMATION SHOWN WAS DERIVED FROM A MAP ENTITLED "SURFICIAL GEOLOGIC MAP OF MASSACHUSETTS" COMPILED AT THE UNIVERSITY OF MASSACHUSETTS BY RICHARD W. HEELY (1972)

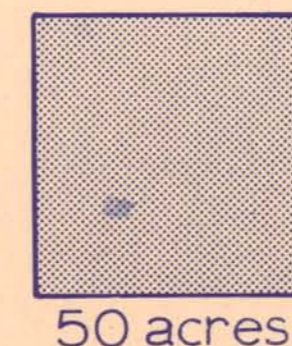
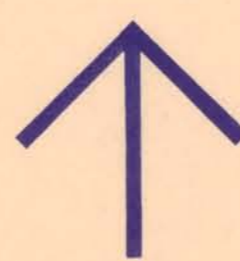
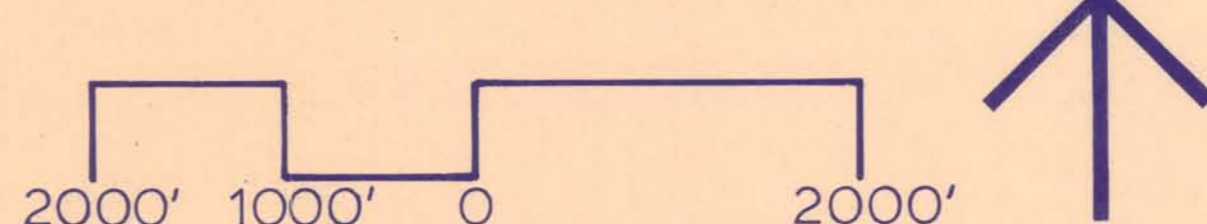
GEOLOGY

MAP 7



tolland

LAND USE STUDY



50 acres

prepared for:
tolland planning board
1977-78

almer huntley, jr. & associates, inc.
surveyors engineers planners
northampton mass.