


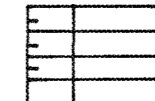



EXPLANATION:

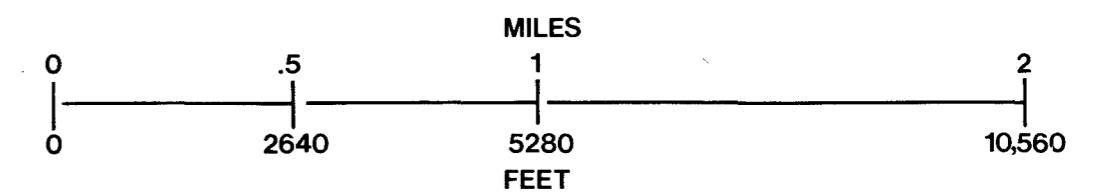
-  Town Boundary
-  Pumping Station
-  Study Area Boundary
-  Limit of Finite Difference Grid
-  Isodrawdown Contours (Feet)

NOTES:

1. Drawdowns are referenced to Plate 4 (Potentiometric Surface Elevations)
2. Isodrawdown lines are derived from a computer simulation of 10-year steady state, normal recharge conditions with continuous pumping at the safe yield of the wells.
3. The pumping rates used in this simulation are based on information from the Easthampton Board of Public Works. The pumping rates used are as follows:
 Nonotuck Park 18-Inch Well - 0.90 million gallons per day (MGD)
 Hendricks Street Wellfield - 3.70 MGD
 The Lovefield Street well was not simulated because it was not suspected of affecting the cones of drawdown around the other two pumping wells.

BASE MAPS:

USGS, 1979. Mount Tom Quadrangle 7.5-Minute Topographic Map. Reston, VA: USGS. 1:25000.
 USGS, 1979. Easthampton Quadrangle 7.5-Minute Topographic Map. Reston, VA: USGS. 1:25000.



**AQUIFER LAND ACQUISITION STUDY
 TOWN OF EASTHAMPTON 1987**

STEADY STATE DRAWDOWN

