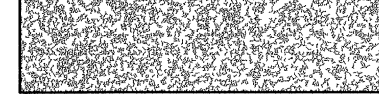
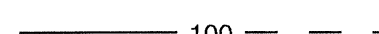




**EXPLANATION**

 APPROXIMATE OUTCROP AREA OF THE SPARTA AQUIFER

 POTENTIOMETRIC CONTOUR--Shows altitude at which water level would have stood in tightly cased wells. Dashed where approximately located. Hachures indicate depression. Contour interval 25 feet. Datum is sea level

 WELL COMPLETED IN SPARTA OR MEMPHIS AQUIFER-- Measurement made in the spring of 1999

 WELL COMPLETED IN SPARTA OR MEMPHIS AQUIFER FOR WHICH HYDROGRAPH IS PRESENTED--Letter corresponds to hydrograph

**NOTE:** The potentiometric contours are generalized to portray synoptically the head in a dynamic hydrologic system, not taking into account the variation in well depth, non-simultaneous measurements of water level, variable effects of pumping, and changing climatic influence. The potentiometric contours may not conform exactly with individual measurements of water level.

POTENTIOMETRIC SURFACE OF THE SPARTA AND MEMPHIS AQUIFERS, 1999  
Robert L. Joseph  
2000