

EXPLANATION

- Well or wells
- Specific capacity, in gallons per minute per foot of drawdown
- Yield, in gallons per minute at time of test. Present pump may have a higher yield
- Km, Aquifer symbol, see below

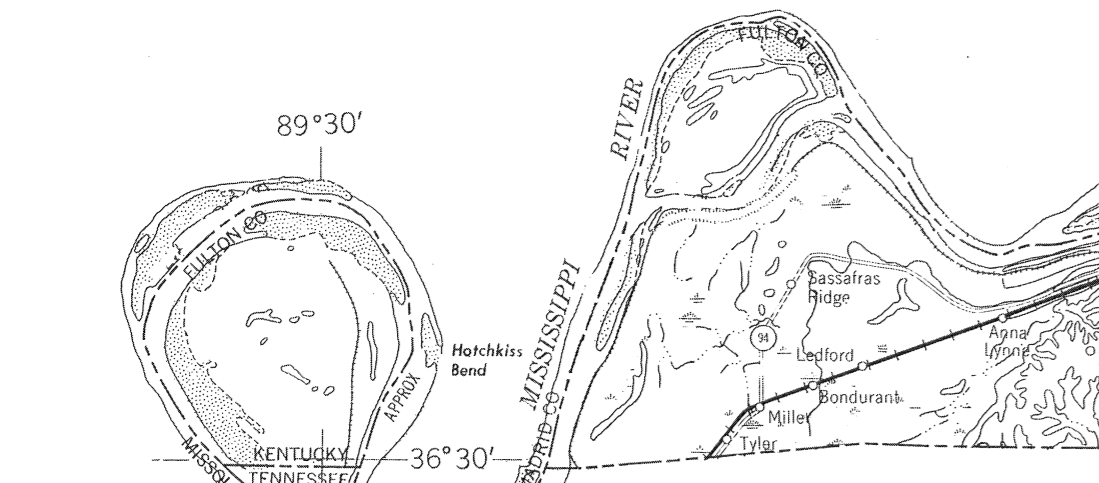
AQUIFER AND FORMATION SYMBOLS

- Qal, alluvium of Quaternary age
- Ql, loess of Pleistocene age
- QTg, sandy gravel of Pliocene(?) age
- Tj, Cockfield through Jackson Formation undivided of Eocene age
- Tc, Claiborne Group of Eocene age
- Tw, Wilcox Formation of Eocene age
- Tpc, Porters Creek of Paleocene age
- Km, McNairy Formation of Cretaceous age
- Pzr, rocks of Paleozoic age

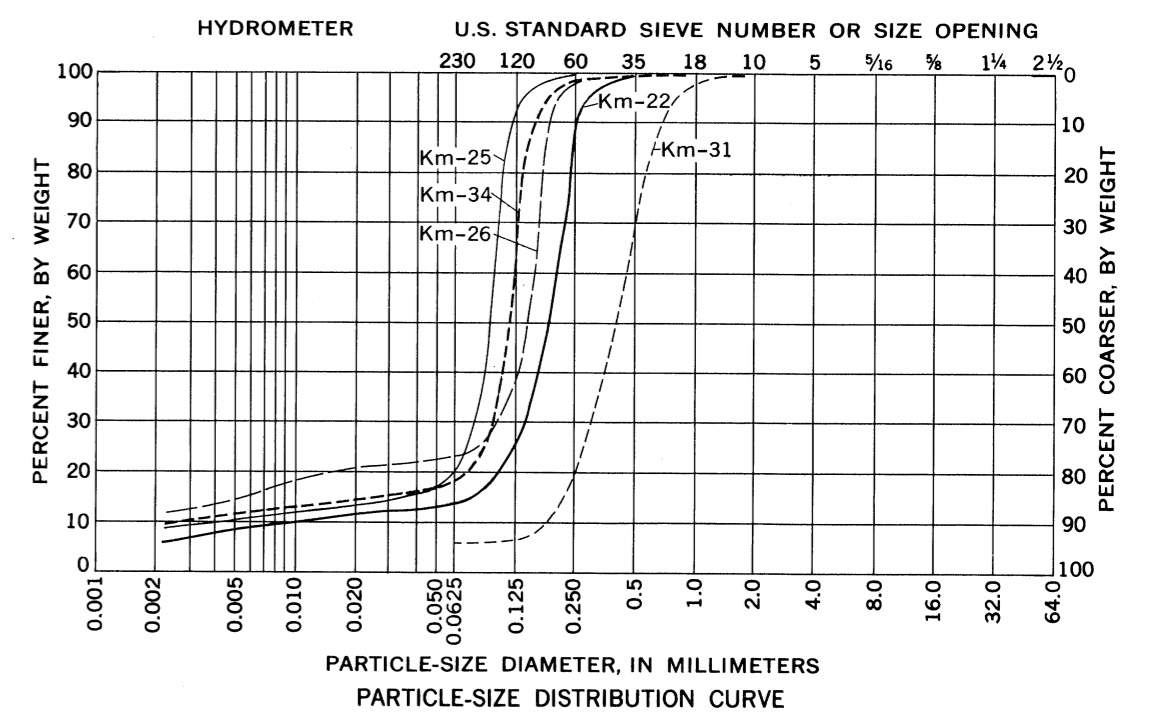
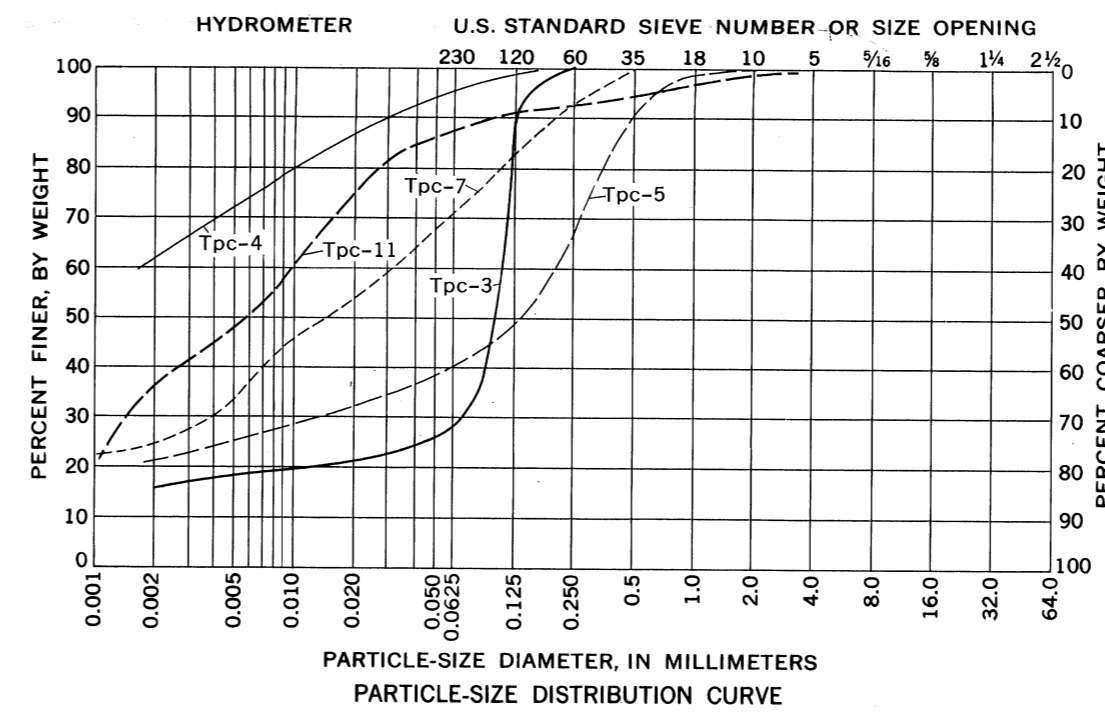
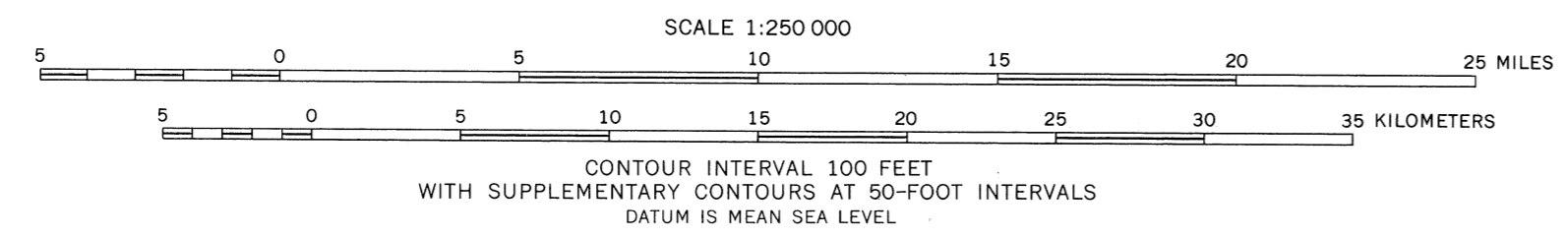
PARTICLE-SIZE DISTRIBUTION SAMPLES

- x Tw-1 Outcrop sample
- Tpc-1, 2, 3 Sample from bore hole

Formation symbols, see above. Number refers to analysis number in table 3



MAP SHOWING SPECIFIC CAPACITIES OF WELLS AND HYDRAULIC CHARACTERISTICS OF SEDIMENTS FROM THE VARIOUS AQUIFERS IN AND NEAR THE JACKSON PURCHASE REGION, KENTUCKY



Base from U.S. Geological Survey, Roads as of 1970