

EXPLANATION

QUALITY OF WATER

Km, aquifer symbol (see below) 25, number of quality of water analysis shown on the Hydrologic Atlas and in table 2
52, hardness, in milligrams per liter 80, dissolved solids, in milligrams per liter

Well or wells

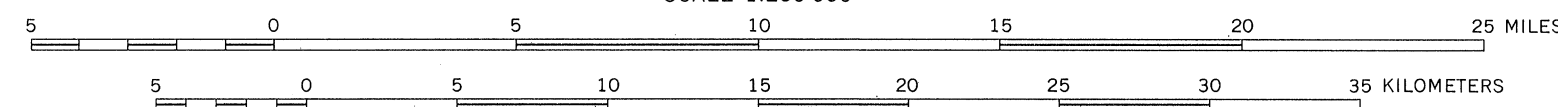
Aquifer symbols

Queried where aquifer is uncertain
Qal, alluvium of Quaternary age
QTg, gravel of Pliocene(?) and Pleistocene age
Tc, Cockfield through Jackson Formation undivided of Eocene age
Ts, Sparta Sand of Eocene age
Tt, Tallahatta Formation of Eocene age
Tw, Wilcox Formation of Eocene age
Km, McNairy Formation of Cretaceous age
Pz, Paleozoic bedrock

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

MAP SHOWING HARDNESS AND DISSOLVED-SOLIDS CONTENT OF WATER FROM PALEOZOIC ROCKS, PLIOCENE(?) GRAVEL, AND QUATERNARY ALLUVIUM, AND LOCATIONS OF WELLS FOR WHICH ANALYSES OF GROUND WATER ARE SHOWN ON TABLE 2 IN AND NEAR THE JACKSON PURCHASE REGION, KENTUCKY

SCALE 1:250 000



CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50-FOOT INTERVALS
DATUM IS MEAN SEA LEVEL