

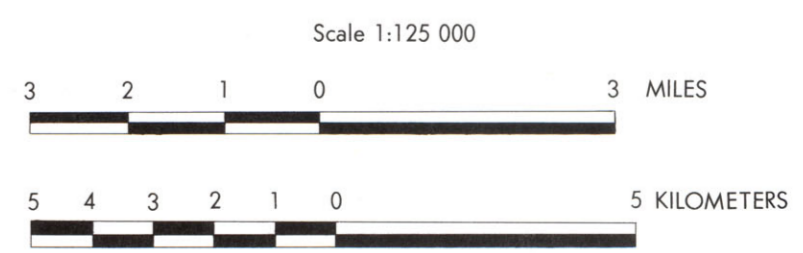
EXPLANATION

- Qal
Alluvium and terrace deposits
- Qd
Glacial drift
- Pc
Chase Group
- Pcg
Council Grove Group
- Pa
Admire Group
- Pw
Wabaunsee Group
- Ps
Shawnee Group

Pleistocene
 Lower Permian
 Upper Pennsylvanian
 QUATERNARY
 PERMIAN
 PENNSYLVANIAN

- Contact
- $\frac{U}{D}$
Fault
- Approximately located.
- U, upthrown side; D, downthrown side

$8\frac{1}{2}^\circ$
 True North
 Magnetic North
 APPROXIMATE MEAN DECLINATION, 1973



Base from U.S. Geological Survey, Manhattan, 1955, and Kansas City, 1960
Illustration prepared by Lanna J. Combs

Prepared by the Kansas Geological Survey and the U.S. Geological Survey in cooperation with the Division of Environmental Health of the Kansas State Department of Health and the Division of Water Resources of the Kansas State Board of Agriculture

Geology modified from Mudge (1959)