



EXPLANATION

--- Tributary entering from the south
 --- Tributary entering from the north
 From maps of Geological Survey, Soil Conservation Service, and Army Map Service.

GEOLOGY

— Kgr
 — Kd
 - - - Contact (dashed where indefinite)

TERTIARY
 Pliocene
 To, Ogallala Formation

CRETACEOUS
 Upper Cretaceous
 Kn, Niobrara Formation
 Kns, Smoky Hill Chalk Member
 Knf, Fort Hays Limestone Member
 Kc, Carlile Shale
 Kcc, Codell Sandstone Member
 Kcb, Blue Hill Shale Member
 Kcf, Fairport Chalky Shale Member
 Kgh, Greenhorn Limestone
 Kgr, Graneros Shale
 Lower Cretaceous
 Kd, Dakota Sandstone
 Kk, Kiowa Shale

PERMIAN
 Pw, Wellington Formation

LONGITUDINAL PROFILES OF STREAMS, SALINE RIVER BASIN, KANSAS