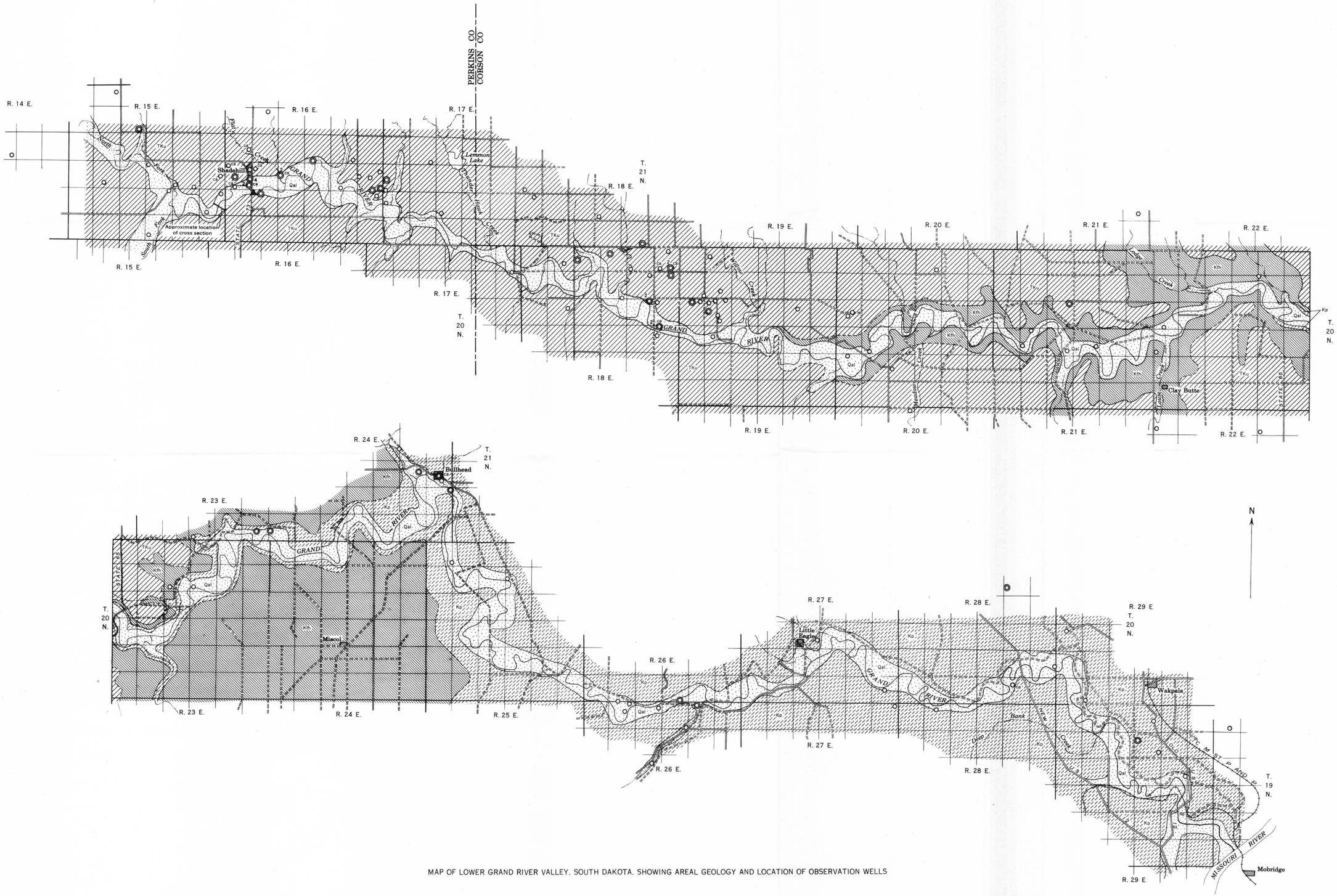

EXPLANATION

Recent and Pleistocene, undifferentiated — QUATERNARY

Qal — Alluvium
Silt, sand, gravel, and interbedded clay

Pleistocene — TERTIARY

TKu — Cretaceous and Tertiary rocks undifferentiated
Ludlow member of the Fort Union formation, nonmarine carbonaceous shale and sandstone; Cannonball formation, marine shale and sandstone; Hell Creek formation, nonmarine shale and sandstone

Upper Cretaceous — CRETACEOUS

Kfh — Fox Hills sandstone
Shale and sandstone

Kp — Pierre shale
Dark-gray shale

Contact
Dashed where approximately located

o² — Well, showing number of wells at that location

◎ — Water-level observation well

ca — Water sampled for chemical analysis

▲ — Stream-gaging station

MAP OF LOWER GRAND RIVER VALLEY, SOUTH DAKOTA, SHOWING AREAL GEOLOGY AND LOCATION OF OBSERVATION WELLS

1 0 5 Miles

319503 O - 55 (In pocket)