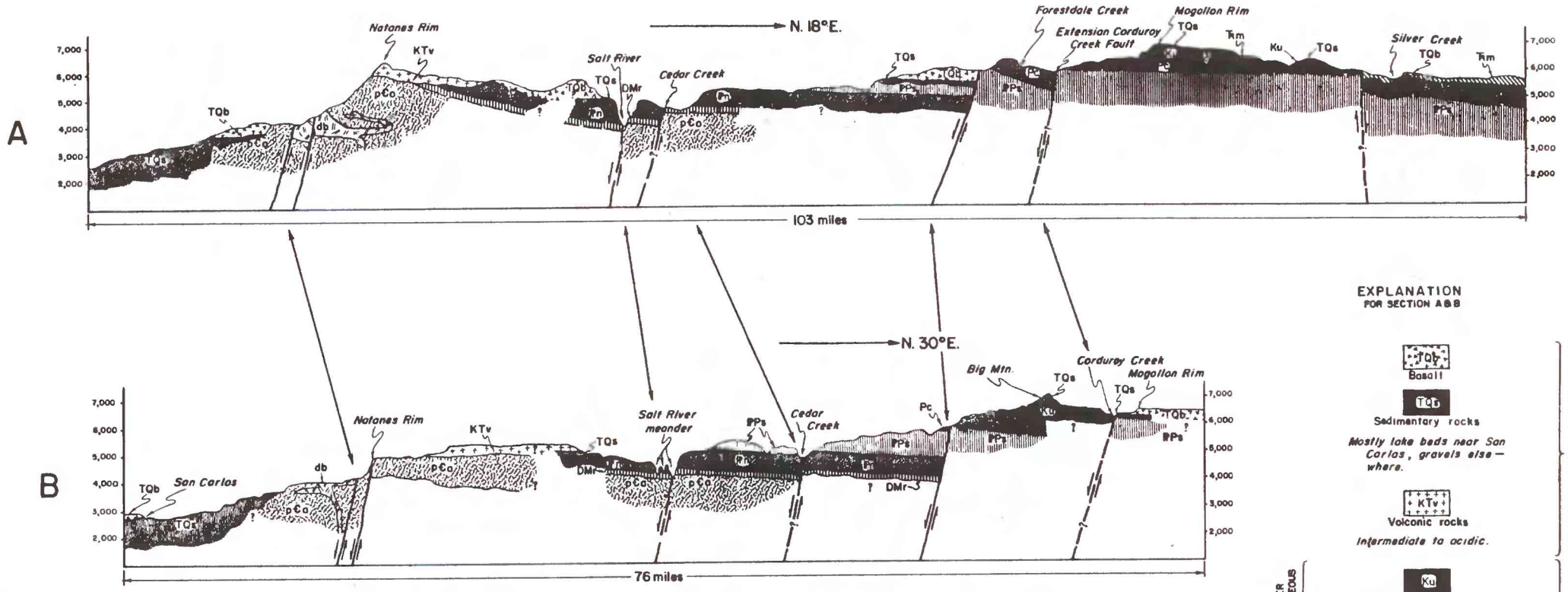
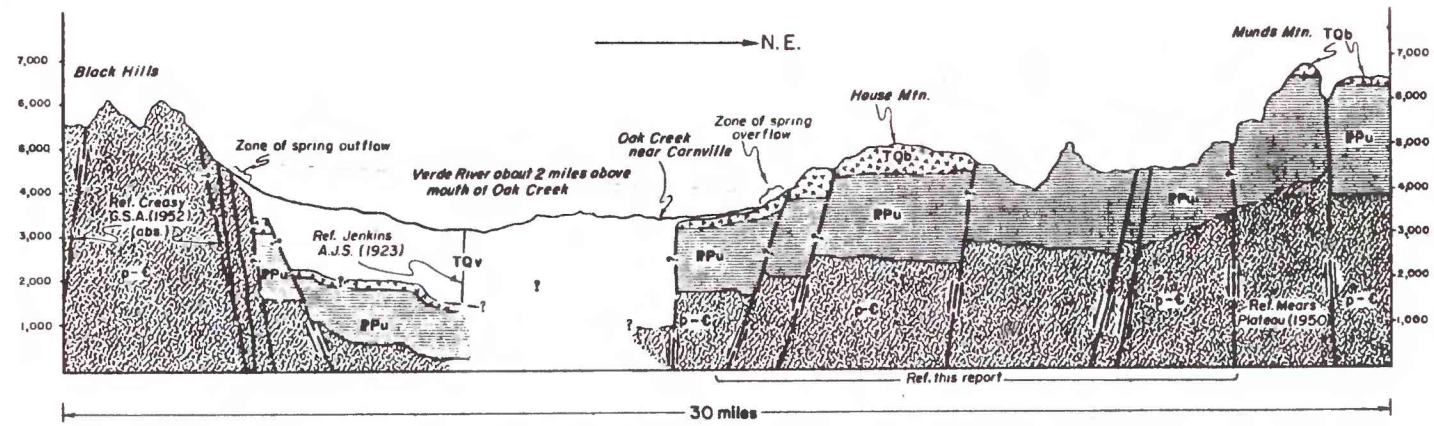


DIAGRAMMATIC GEOLOGIC SECTIONS FROM SAN CARLOS, NORTHEAST ACROSS THE MOGOLLON RIM



DIAGRAMMATIC GEOLOGIC SECTION, VERDE VALLEY GRABEN, YAVAPAI COUNTY, ARIZONA

EXPLANATION
FOR SECTION A & B

- TQb — Basalt
- TQs — Sedimentary rocks. *Mostly lake beds near San Carlos, gravels elsewhere.*
- KTv — Volcanic rocks. *Intermediate to acidic.*
- Ku — Sedimentary rocks. *Undifferentiated, mostly sandstone and siltstone.*
- Tm — Moenkopi formation. *Mostly sandstone and siltstone.*
- Pc — Coconino sandstone
- PPs — Supai formation. *Mostly sandstone and siltstone.*
- Pn — Naco formation. *Limestone with some shaly siltstones intercalated.*
- DMr — Undifferentiated. *Includes Redwall Limestone.*
- db — Diabase. *Dikes and sills.*
- pCa — Apache group

TERTIARY AND QUATERNARY — CENOZOIC
CRETACEOUS AND TERTIARY — CENOZOIC
UPPER CRETACEOUS — MESOZOIC
CRETACEOUS — MESOZOIC
TRIASSIC — MESOZOIC
PERMIAN — MESOZOIC
PENNSYLVANIAN AND PERMIAN — PALEOZOIC
CAMBRIAN (?) AND PRE-PENNSYLVANIAN — PALEOZOIC
PRE-CAMBRIAN

EXPLANATION
FOR SECTION C

- TQb — Basalt
- TQv — Verde formation. *Lake beds predominantly calcareous*
- PPu — Supai formation *and undifferentiated older rocks*
- p-C — Basement rocks

PLIOCENE AND PLEISTOCENE RECENT — TERTIARY AND QUARTERNARY
PERMIAN AND PENNSYLVANIAN( ) — PRE-CAMBRIAN

SYMBOLS

- Fault. *Dashed where approximately located*
- Contact. *Dashed where approximately located*