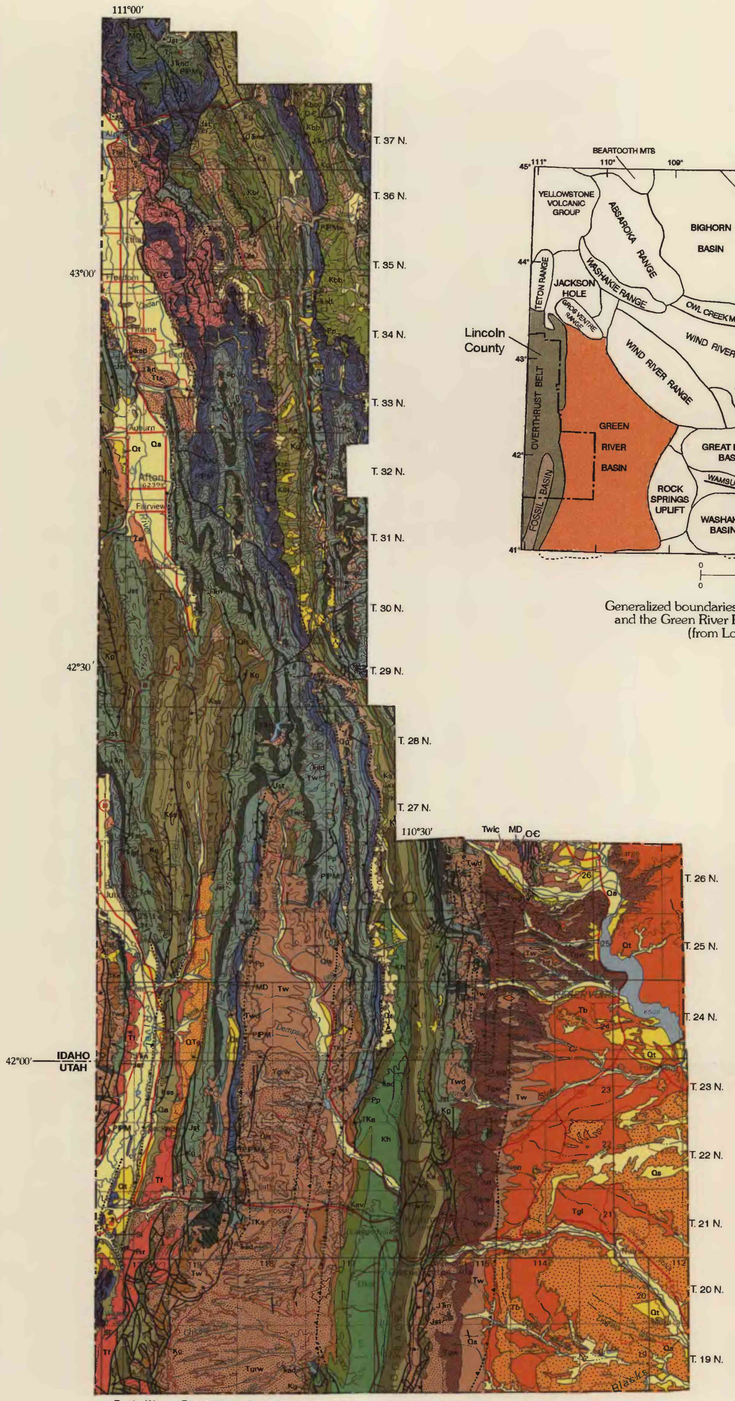
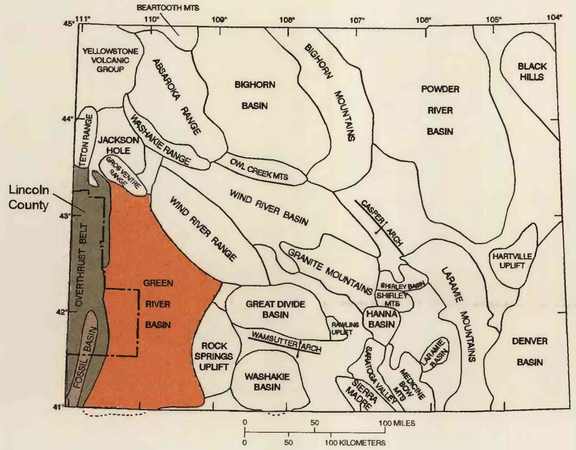


Base from U.S. Geological Survey
State base map 1:500,000, 1980

Geology from J.D. Love and A.C. Christiansen, 1985

CONTOUR INTERVAL 500 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



Generalized boundaries of the Overthrust Belt, Fossil Basin, and the Green River Basin in Lincoln County, Wyoming (from Love and others, 1993)

EXPLANATION

CONTACT

FAULT--Dotted where concealed. Bar and ball on downthrown side

THRUST FAULT--Dotted where concealed. In some places the dotted line indicates where the fault intersects an unconformity between faulted strata below and unfaulted strata above; in other places it indicates where the shallower part of the fault disappears into bedding planes. Sawteeth on upper plate. Some thrust faults are deeply buried and are approximately located on the basis of seismic data and drilling

Correlation and list of map units modified from Love and Christiansen (1985, sheet 2) and Love, Christiansen, and Ver Ploeg (1993)

LIST OF MAP UNITS

QUATERNARY UNCONSOLIDATED DEPOSITS

- Qa — ALLUVIUM AND COLLUVIUM
- Qt — GRAVEL, PEDIMENT, AND FAN DEPOSITS
- Qg — GLACIAL DEPOSITS
- Qls — LANDSLIDE DEPOSITS
- Qs — DUNE SAND AND LOESS
- QTg — TERRACE GRAVEL (PLEISTOCENE AND/OR PLIOCENE)

TERTIARY SEDIMENTARY AND IGNEOUS ROCKS

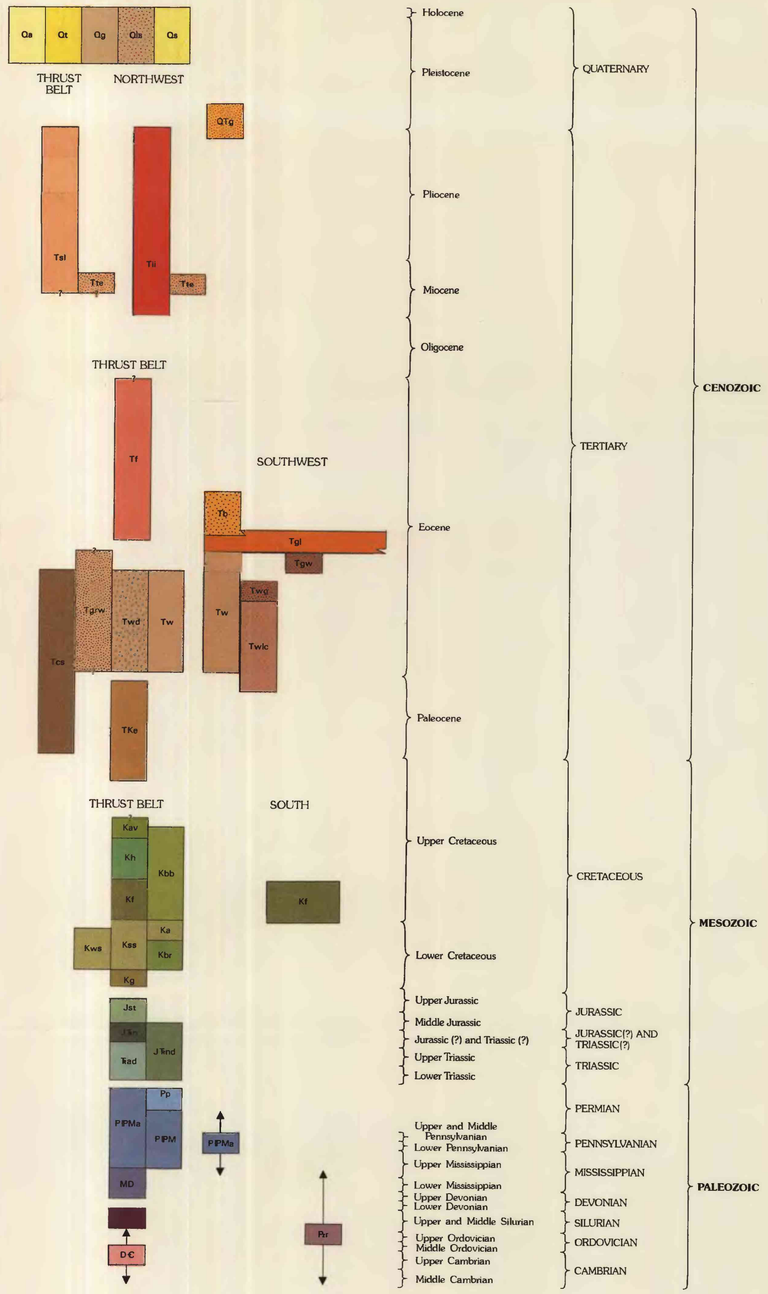
- Tsl — SALT LAKE FORMATION - Includes Gooseberry Member of Fowkes Formation
- Tte — TEEWINOT FORMATION
- Tii — INTRUSIVE AND EXTRUSIVE ROCKS
- Tb — BRIDGER FORMATION
- Tf — FOWKES FORMATION (PLIOCENE? AND EOCENE)
- Tgl — GREEN RIVER FORMATION - Laney Member
- Tgw — GREEN RIVER FORMATION - Wilkins Peak Member
- Tgrw — GREEN RIVER AND WASATCH FORMATIONS - Including Angelo and Fossil Butte Members
- Twg — WASATCH AND GREEN RIVER FORMATIONS - New Fork Tongue of Wasatch and Fontenelle Tongue or Member of Green River
- Tw — WASATCH FORMATION - Main body
- Twd — WASATCH FORMATION - Diamictite and sandstone
- Twlc — WASATCH FORMATION - LaBarge and Chappo Members
- Tcs — CONGLOMERATE OF SUBLETTE RANGE
- TKe — EVANSTON FORMATION

MESOZOIC AND PALEOZOIC SEDIMENTARY ROCKS

- Kav — ADAVILLE FORMATION
- Kbb — BLIND BULL FORMATION
- Kh — HILLIARD SHALE
- Kf — FRONTIER FORMATION
- Kss — SAGE JUNCTION, QUEALY, COKEVILLE, THOMAS FORK, AND SMITHS FORMATIONS
- Ka — ASPEN SHALE
- Kws — WAYAN AND SMITHS FORMATIONS
- Kbr — BEAR RIVER FORMATION
- Kg — GANNETT GROUP - Includes Smoot Formation, Draney Limestone, Bechler Conglomerate, Peterson Limestone, and Ephraim Conglomerate
- Jst — STUMP FORMATION, PRELUSS SANDSTONE OR REDBEDS, AND TWIN CREEK LIMESTONE
- Jn — NUGGET SANDSTONE
- JTRnd — NUGGET SANDSTONE AND CHUGWATER AND DINWOODY FORMATIONS
- Tead — ANKAREH FORMATION, THAYNES LIMESTONE, WOODSIDE SHALE, AND DINWOODY FORMATION
- Pp — PHOSPHORIA FORMATION AND RELATED ROCKS
- PIPMa — PHOSPHORIA FORMATION AND RELATED ROCKS[1], TENSLEEP SANDSTONE, AND AMSDEN FORMATION
- PIPm — WELLS AND AMSDEN FORMATIONS
- MD — MADISON LIMESTONE AND DARBY FORMATIONS
- Pzr — MADISON LIMESTONE AND CAMBRIAN ROCKS
- Pzl — LAKETOWN DOLOMITE
- O€ — BIGHORN DOLOMITE, GALLATIN LIMESTONE, GROS VENTRE FORMATION, AND FLATHEAD SANDSTONE

[1]The Phosphoria Formation and related rocks in Wyoming is synonymous with the Park City Formation

CORRELATION OF MAP UNITS



GEOLOGIC MAP OF LINCOLN COUNTY, WYOMING