WYOMING STATE GEOLOGICAL SURVEY
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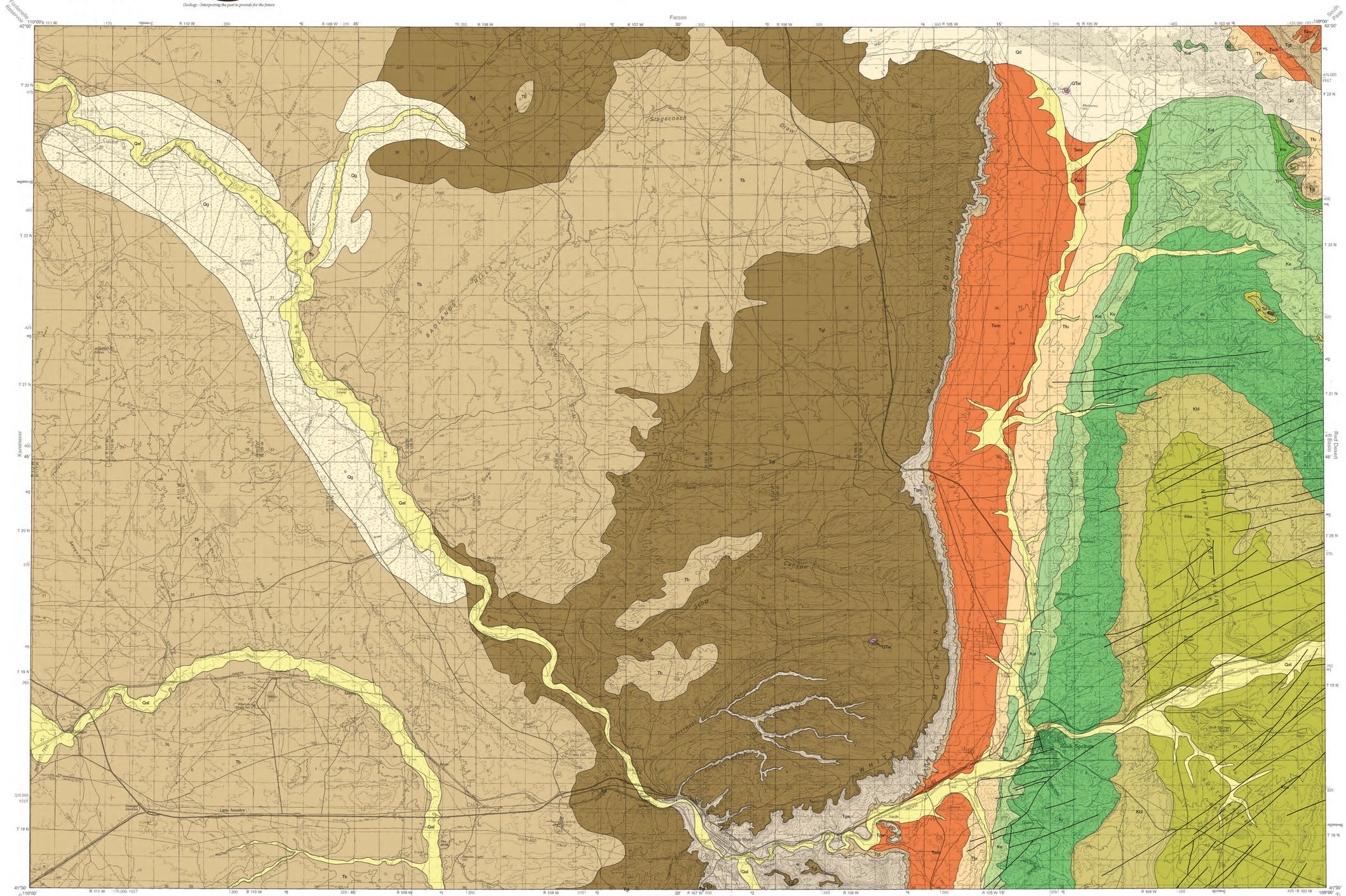
Laramie, Wyoming

Geology - Interpreting the past to provide for the future.

Prepared in cooperation with the
U.S. GEOLOGICAL SURVEY

OPEN FILE REPORT 09-4
ROCK SPRINGS 1:100,000 - scale
Bedrock Geologic Map



Geologic Units

- Qd — Dunes (Quaternary)
- Qal — Alluvium (Quaternary)
- Qg — Gravel (Quaternary)
- Qt — Terrace deposits (Quaternary)
- QTai — Alkalic Volcanic Rocks (Tertiary)
- Tel — Leucite Phonolite and Wyomingite Rock Flows (Tertiary)
- Tsp — Pumice (Tertiary)
- Ti — Volcanic Necks Composed of Wyomingite and Breccia (Tertiary)
- Tb — Bridger Formation (Tertiary)
- Tgl — Laney Member of the Green River Formation (Tertiary)
- Tgw — Wilkins Peak Member of the Green River Formation (Tertiary)
- Tgt — Tipton Tongue of the Green River Formation (Tertiary)
- Twm — Wasatch Formation Main Body (Tertiary)
- Tfu — Fort Union Formation (Tertiary)
- Kl — Lance Formation (Upper Cretaceous)
- Kfh — Fox Hills Sandstone (Upper Cretaceous)
- Kle — Lewis Shale (Upper Cretaceous)
- Kal — Almond Formation (Cretaceous)
- Ke — Ericson Sandstone (Cretaceous)
- Kr — Rock Springs Formation (Cretaceous)
- Kbl — Blair Formation (Cretaceous)
- Kba — Baxter Shale (Upper Cretaceous)

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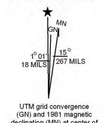
Base map from U.S. Geological Survey 1:100,000-scale metric topographic map of the Rock Springs, Wyoming Quadrangle, 1978.

Projection: Universal Transverse Mercator (UTM), zone 12
North American Datum of 1927 (NAD 27)
10,000-meter grid: UTM, zone 12
50,000-foot grid ticks: Wyoming State Plane Coordinate System, east zone.

0 2 4 8 12 16 Miles
0 10,500 21,000 42,000 63,000 84,000 Feet

SCALE 1:100,000
Contour interval 20 meters



UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map diagram is approximate

0 3 6 12 18 24 Kilometers
0 2,950 5,900 11,800 17,700 23,600 Meters

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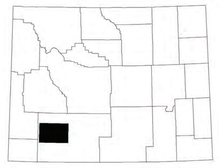

PRELIMINARY GEOLOGIC MAP OF THE ROCK SPRINGS 30' X 60' QUADRANGLE, SWEETWATER COUNTY, WYOMING

Compiled and mapped by

Justin E. Scott and Richard W. Jones

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