



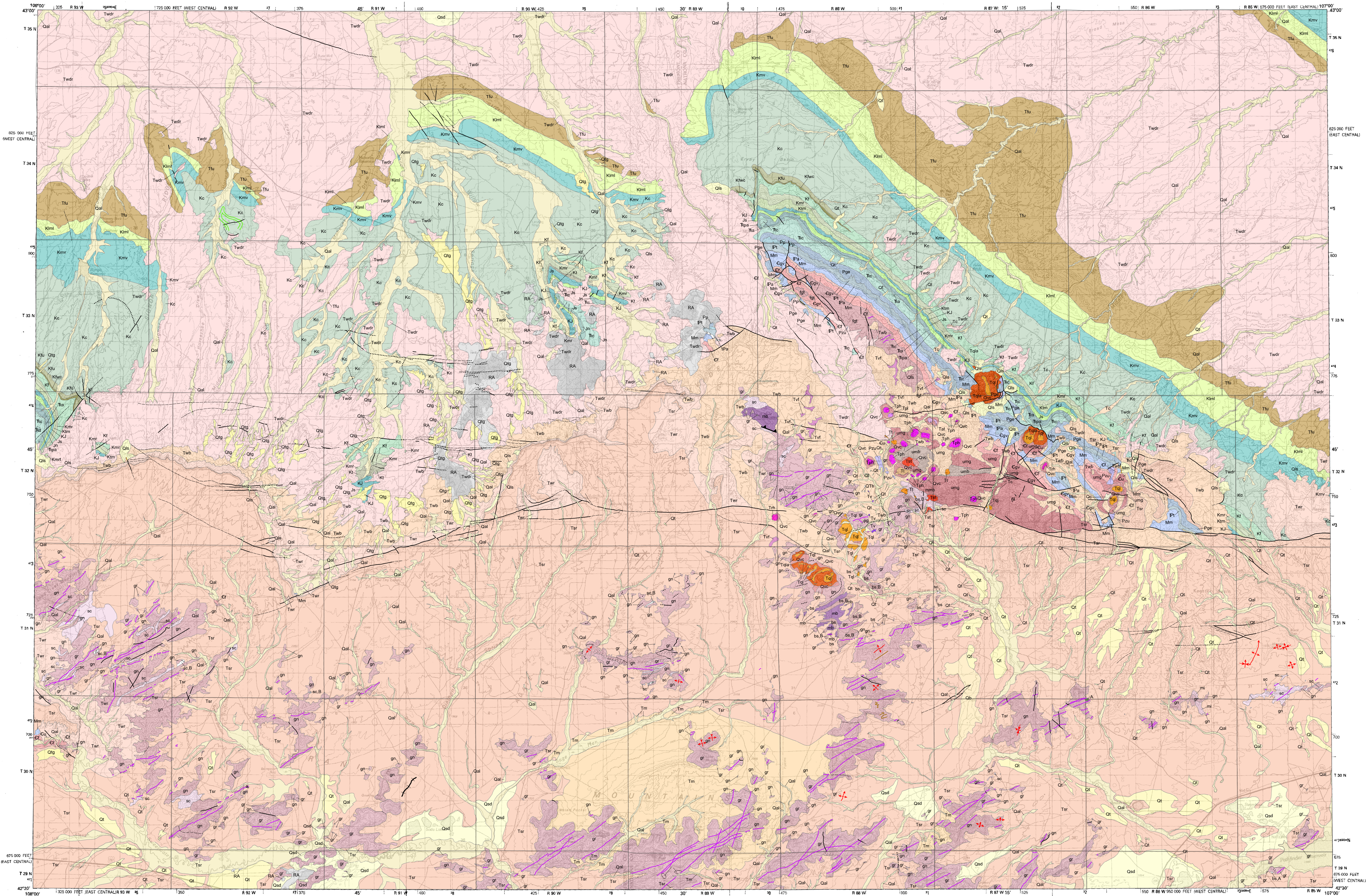
Geology - Interpreting the past to provide for the future



Made in Cooperation with the
U.S. Geological Survey

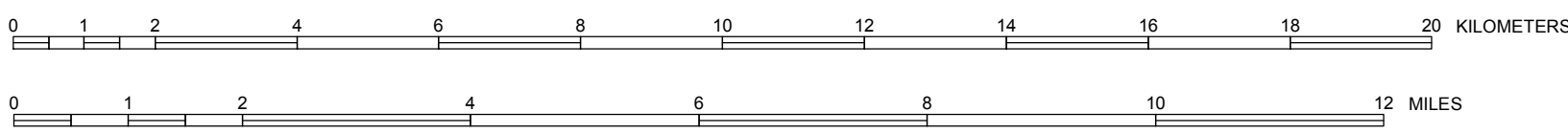


Map Series 61
Rattlesnake Hills 1:100,000 - scale Geologic map

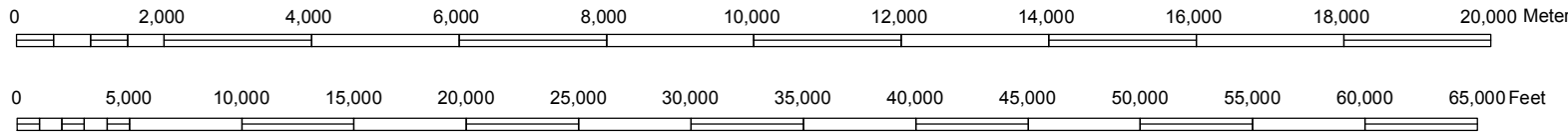


- Quaternary**
- Qal Alluvium
 - Qls Landslide Debris
 - Qvc Volcanic Alluvium and Volcaniclastics
 - Qt Terrace Deposits
 - Qlg Gravel Covered Terraces
 - Qsd Sand dunes and Aeolian
 - QB Pleistocene Bug Formation
- Quaternary/Tertiary**
- QTb Boulder Deposits
- Tertiary**
- Tm Pliocene Moonstone Formation
 - Tsr Miocene Splitrock Formation
 - Twr Oligocene White River Formation
 - Tc Oligocene Boulder Conglomerate and channel deposits
 - Twb Eocene Wagon bed Formation
- Mid-Late Eocene Volcanic and Subvolcanic Rocks**
- Tv Tertiary volcanics undifferentiated
 - Tvf Volcanic flows undifferentiated
 - Tph Phonolite
 - Tpl Phonolite Lava
 - Tat Alkali metatrachyte
 - Tst Soda Trachyte
 - Ti Trachyte
 - TL Latite
 - Tdl Quartz latite
 - Tala Quartz latite agglomerate
 - Tnh Rhyolite
 - Twdr Eocene Wind River Formation
 - Tfu Paleocene Fort Union Formation
- Mesozoic**
- Kml Cret. Lance, Meeteetse, and Louis Fms combined
 - Kmv Cretaceous Mesa Verde Formation
 - Kc Cretaceous Cody Shale
 - Kf Cretaceous Frontier Formation
 - Kfu Upper part of Cret. Frontier Fm above Kfvc
 - Kfvc Cret. Wall Creek ss in the Frontier Fm
 - Kmr Cretaceous Mowry Shale
 - Kmrt Cret. Mowry, Muddy, and Thermopolis combined
 - Ktm Cret. Muddy ss and Thermopolis Sh combined
 - Kt Cretaceous Thermopolis Shale
 - KJ Cret. Cloverly and Jur. Morrison Fms combined
 - Js Jurassic Sundance Formation
 - Jn Jurassic/ Triassic Nugget Sandstone
 - Rpa Triassic Popo Agie Formation
 - Ra Triassic Alcova Limestone
 - Rc Triassic Chugwater Formation
 - Rd Triassic Dinwoody Formation
- Paleozoic**
- Pge Permian Goose Egg Formation
 - Pp Permian Phosphoria Formation
 - Pt Pennsylvanian Tensleep Sandstone
 - Pa Pennsylvanian Arden Formation
 - Mm Mississippian Madison Limestone
 - Cgv Cambrian Gros Ventre Formation
 - Cf Cambrian Flathead Sandstone
 - Cu Cambrian Undifferentiated
 - Pzu Paleozoic Undifferentiated
- Precambrian**
- gr Granite Undifferentiated
 - fgt French Rocks Tonalite
 - mi Mafic and Ultramafic Intrusives
 - mb Metabasalt Undifferentiated
 - umb UT Creek Formation Metabasalts
 - umg UT Creek Formation Metavolcanics
 - mmb McDougal Gulch Metavolcanics
 - bs Barlow Springs Formation
 - sc Supracrustal and related rocks Undifferentiated
 - gn Archean gneiss Undifferentiated
- RA Reclamation Area**
- pg Quartz pegmatite veins and dikes
 - Ash Quat (?) wind blown volcanic ash
 - B Banded iron formation
 - C Corundum
 - Jade Jade prospect or occurrence
 - j Jasper
 - A Alteration
 - G Gossan
 - U Uranium prospect or occurrence
 - X prospect
 - contact
 - Fault
 - Shear Zone
 - Anticline or antiform
 - Syncline or synform
 - Cemented Fracture

Blue 10,000-meter ticks: Universal Transverse Mercator, zone 13
25,000-foot grid ticks: Wyoming Coordinate System of 1927, East zone

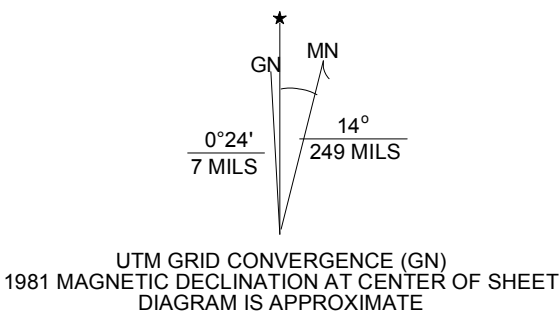
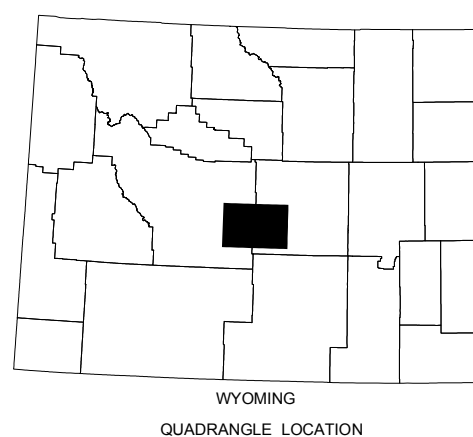


SCALE 1:100,000
Contour interval 20 meters



This report is preliminary and has not been reviewed for conformity with Wyoming State Geological Survey editorial standards.
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Digital Cartography by Robin W. Lyons



GEOLOGIC MAP OF THE RATTLESNAKE HILLS 30' x 60' QUADRANGLE, FREMONT AND NATRONA COUNTIES, WYOMING

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