

GEOLOGICAL SURVEY OF WYOMING

PRELIMINARY GEOLOGIC MAP OF THE LEWISTON GOLD DISTRICT, SOUTH PASS

by W. Dan Hessel, 1984

RADIUM SPRINGS QUADRANGLE
WYOMING-FREMONT CO
7.5 MINUTE SERIES (TOPOGRAPHIC)



- Alluvial deposits.
- South Pass Formation (Tsp)
 - White tuffaceous siltstone (cutbanks) member
 - Grey conglomerate w/ Precambrian pebbles & boulders
- Ta Antikarce Fm.
- EF Flathead Formation
- Precambrian Granite
- Q/D Quartz Diorite Dike
- M Mafic Dikes (Basalts & Diabases)
- Gabroic dikes.
- MINERS DELIGHT FM
 - mdg Metagraywacke, cherty, friable, micaceous, argillaceous, and mica schist
 - QZ Quartzite Member
 - Phyllite, metapelite (mp)
- LEWISTON LAKES FM
 - Mafic Member, Black amphibolites, schists, & metagraywackes
- Vein showing dip
- shear showing dip
- Foliation trends (lineation)
- Shaft
- Incline
- Mill Foundation
- Adit
- Outcrop area
- Dredge Tailings
- Hematite-chalcite alteration

Mapped, edited, and published by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin

Control by USGS and NOS/NOAA

Topography from aerial photographs by multiplex methods

Aerial photographs taken 1949. Field check 1953

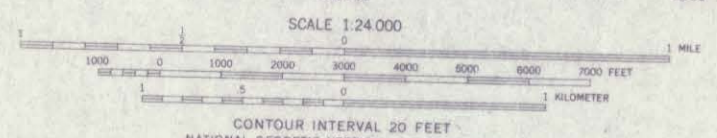
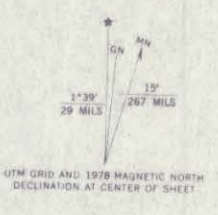
Projection: 1927 North American datum

10,000-foot grid based on Wyoming coordinate system, west central zone

1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

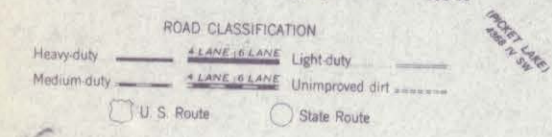
Revisions shown in purple compiled from aerial photographs taken 1975. Map edited 1978

This information not filed checked



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THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



RADIUM SPRINGS, WYO.
N4225-W10830/7.5

1953
PHOTOREVISED 1978
DMA 4225 1 NE-SERIES 1974