

GEOLOGIC MAP OF THE
FANNY PEAK QUADRANGLE
WYOMING—SOUTH DAKOTA

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EXPLANATION

- Quaternary**
 - Qal Alluvium
 - Qtd Landslide debris
 - Qtg Terrace gravel
 - Qsd Spring deposits
- UNCONFORMITY**
- Cretaceous**
 - Kp Pierre shale
 - Kn Niobrara formation
 - Kcs Corralle shale
 - Kcs, Sage Break member
 - Kcl, Turner sand member
 - Kcl, unnamed member
 - Kg Greenhorn limestone
 - Kb Belle Fourche shale
 - Km Mowry shale
 - Knc Newcastle sandstone
 - Ksc Skull Creek shale
- UNCONFORMITY**
- Lower Kanza group**
 - Kfru Fall River formation
 - Kfru, upper unit
 - Kfri, lower unit
 - Klu Lakota formation
 - Klu, upper unit
 - Klm, middle unit
 - Kli, lower unit
- UNCONFORMITY**
- Jurassic**
 - Jm Morrison formation
- UNCONFORMITY**
- Triassic**
 - Jsr Sundance formation
 - Jsr, Redwater shale member
 - Jsl, Lak member
 - Jsh, Hulet sandstone member
 - Jss, Stockade member
 - Jsb, Beaver shale member
- UNCONFORMITY**
- Permian**
 - Jgs Gypsum Spring formation
- UNCONFORMITY**
- Permian**
 - Jps Spearfish formation
 - Jps, upper gypsum bed
 - Jps, lower gypsum bed
 - Pm Minnekahta limestone
 - Ps Opeche shale
- UNCONFORMITY**
- Permian**
 - Pmb Minnelusa formation
 - Pmb, breccia unit
 - Pms, sandstone unit
 - Pml, upper limestone unit
 - Pml, lower limestone unit
 - Pmp, breccia pipe
- UNCONFORMITY**
- Mississippian**
 - Mp Potosi limestone

Contact
Long dashed where approximately located; short dashed where inferred

Fault
Dashed where approximately located; u, upthrown side; d, downthrown side

Strike and dip of beds

Bench mark and elevation

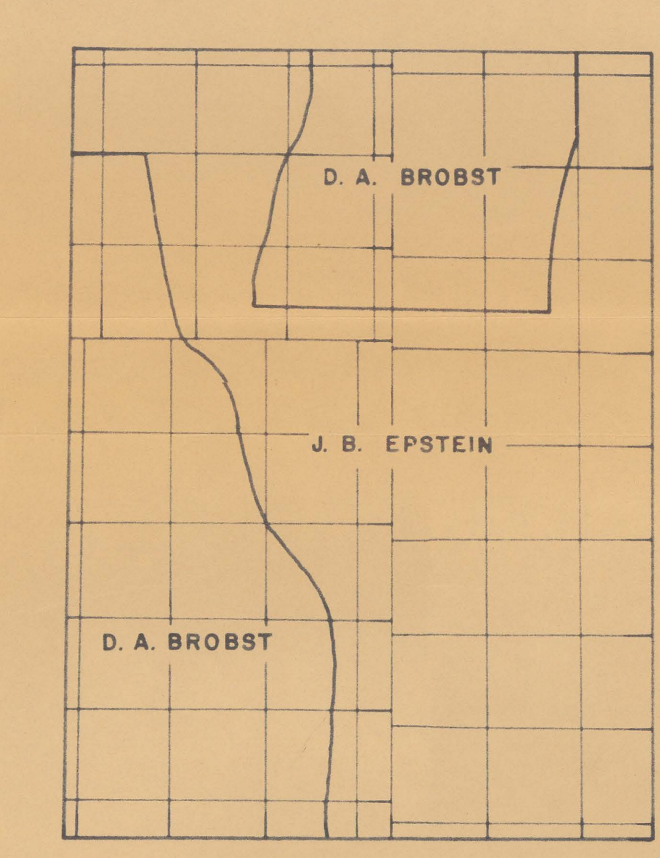
Spring

Perennial stream

Intermittent stream

U. S. highway

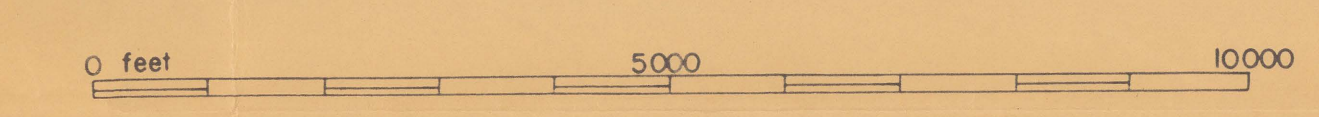
Improved road



AREAS MAPPED
1957

U. S. Geological Survey
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This map or illustration is preliminary
and has not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.

Scale 1:20000



Datum is mean sea level

