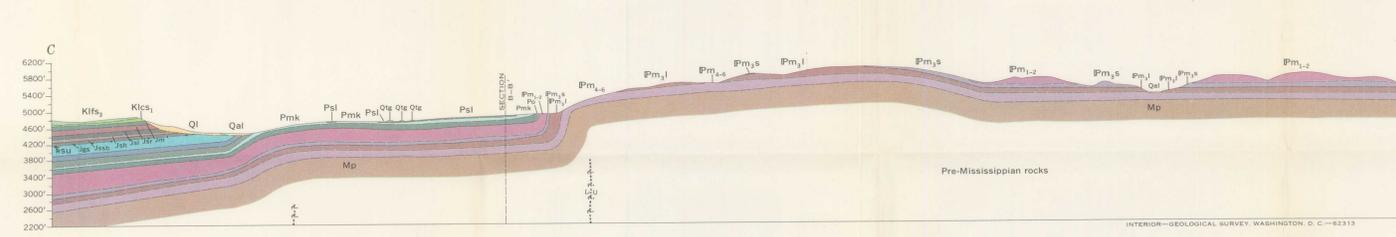
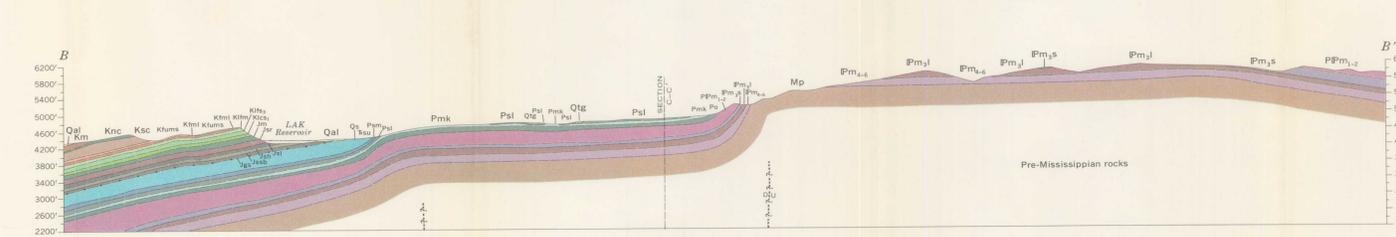
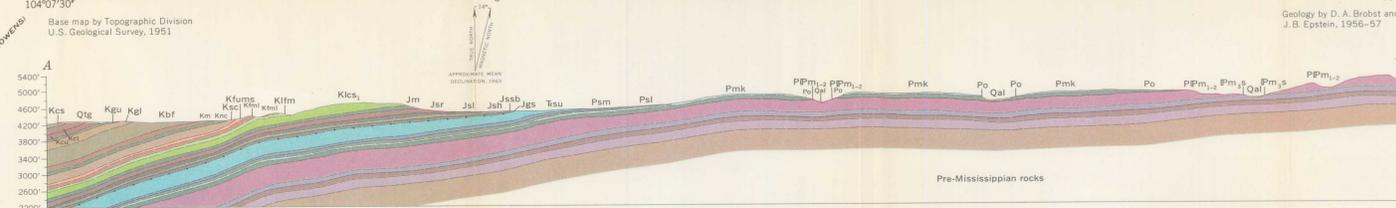




EXPLANATION

- Quaternary**
  - Qt: Tufa deposits
  - Qal: Alluvium
  - Qlg: Landslide deposits
  - Qtg: Terrace gravel
  - Kp: Pierre Shale
  - Kn: Niobrara Formation
  - Kcs: Carille Shale
  - Kcu: Greenhorn Formation
  - Kgl: Belle Fourche Shale
  - Km: Mowry Shale
- Upper Cretaceous**
  - Kcs: Carille Shale
  - Kcu: Greenhorn Formation
  - Kgl: Belle Fourche Shale
  - Km: Mowry Shale
- Lower Cretaceous**
  - Knc: Newcastle Sandstone
  - Ksc: Skull Creek Shale
  - Kfms: Fall River Formation
  - Kfms<sub>u</sub>: Upper unit
  - Kfms<sub>m</sub>: Middle unit
  - Kfms<sub>l</sub>: Lower unit
  - Kfms: Fuson Member
  - Kfms<sub>1</sub>: Chilson Member
  - Kfms<sub>2</sub>: Morrison Formation
- Inyan Kara Group**
  - Kfms: Fuson Member
  - Kfms<sub>1</sub>: Chilson Member
  - Kfms<sub>2</sub>: Morrison Formation
- Lakota Formation**
  - Kl: Lakota Formation, undivided
- Upper Jurassic**
  - Jm: Sundance Formation
  - Jsr: Spearfish Formation
  - Jsl: Minnekahta Limestone
  - Jsh: Opeche Formation
  - Jssb: Minnelusa Formation
  - Jgs: Pahassa Limestone
- Middle Jurassic**
  - Jgs: Pahassa Limestone
- Triassic**
  - Tsu: Spearfish Formation
  - Tsm: Minnekahta Limestone
  - Tsl: Opeche Formation
- Permian**
  - Pm: Minnelusa Formation
  - Pm<sub>1-6</sub>: Minnelusa Formation units
  - Pm<sub>1-2</sub>: Minnelusa Formation units
- Carboniferous**
  - C: Pre-Mississippian rocks



GEOLOGIC MAP AND SECTIONS OF THE FANNY PEAK QUADRANGLE, WYOMING-SOUTH DAKOTA



- Upper Jurassic**
  - Jm: Sundance Formation
  - Jsr: Spearfish Formation
  - Jsl: Minnekahta Limestone
  - Jsh: Opeche Formation
  - Jssb: Minnelusa Formation
  - Jgs: Pahassa Limestone
- Middle Jurassic**
  - Jgs: Pahassa Limestone
- Triassic**
  - Tsu: Spearfish Formation
  - Tsm: Minnekahta Limestone
  - Tsl: Opeche Formation
- Permian**
  - Pm: Minnelusa Formation
  - Pm<sub>1-6</sub>: Minnelusa Formation units
  - Pm<sub>1-2</sub>: Minnelusa Formation units
- Carboniferous**
  - C: Pre-Mississippian rocks

- Contact: Dashed where approximately located; short dashed where laterally gradational
- Fault: Dashed where approximately located; dotted where concealed; queried where doubtful. U, upthrown side; D, downthrown side; saw teeth on upper plate of thrust
- Structure contours: Drawn on base of Fall River Sandstone. Contour interval 100 feet. Dotted on mean sea level. Long-dashed contours extrapolated from base of Minnekahta; short-dashed contours extrapolated from base of sandstone unit 3, Pm<sub>3-5</sub>, in Minnelusa Formation
- Collapse structure: Especially prominent in the breccia units 1 and 2, Pm<sub>1-2</sub>, of the Minnelusa Formation