Geologic Map of the Deadwood North Quadrangle, South Dakota

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2015

EXPLANATION

QUADRANGLES

- Division:
  - North Dakota
  - South Dakota

- Geologic Unit:
  - Homestake Formation
  - Fall River Formation
  - Crook Mountain Formation

- Geologic Texture:
  - Aphanitic to glassy groundmass of orthoclase with up to 3% quartz contains aegirine-augite cores of pyroxene up to 0.31 in (8 mm) long that have aegirine-augite cores.

- Geologic Color:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone. Purplish coloring due to ferruginous concretions.

- Geologic Structure:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone deposited up to 15 ft (4.6 m) above present-day stream drainages. Estimated maximum size. Deposited in present-day stream drainages.

- Geologic Formation:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone. Purplish coloring due to ferruginous concretions.

- Geologic Feature:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone. Purplish coloring due to ferruginous concretions.

- Geologic Relationship:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone. Purplish coloring due to ferruginous concretions.

- Geologic Process:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone. Purplish coloring due to ferruginous concretions.

- Geologic Environment:
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- Geologic History:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone. Purplish coloring due to ferruginous concretions.

- Geologic Evolution:
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- Geologic Significance:
  - Variegated yellowish-orange, reddish-brown, red to maroon shale and siltstone. Purplish coloring due to ferruginous concretions.

- Geologic Age:
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