



EXPLANATION

QUATERNARY

- Qal Alluvium
- Ql Landslide

CRETACEOUS

- Kfr Fall River sandstone
- Kfml Fuson formation, Minneawa limestone, and Lakota sandstone, undifferentiated

JURASSIC

- Jm Morrison formation
- Ju Unkpapa sandstone
- Jsr Sundance formation

Type of exposure

- "a" indicates areas of good exposure
- "b" indicates areas of intermittent exposure
- "c" indicates areas of no exposure

Contact

- Dashed where approximately located
- Indefinite or inferred contact
- Limit of exposure
- Fault, approximately located

Landslide boundary

- Triangles point toward area of landslide debris

Silica-cemented sandstone

- Spring
- Well

Geographic Grid

103°41'15" 103°40' 103°37'30"

43°22'30" 43°22'00" 43°21'30" 43°21'00"

PART OF QUADRANGLE COVERED BY THIS MAP

103°41'15" 103°40' 103°37'30"

43°22'30" 43°22'00" 43°21'30" 43°21'00"

Scale

Scale 1:7200

0 1000 2000 3000 Feet

Contour interval 10 feet
Datum is mean sea level

South Dakota (NE Flint Hill quad) July 1-7, 200 1957.
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APPROXIMATE MEAN DECLINATION, 1957

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INTERIOR - GEOLOGICAL SURVEY, WASHINGTON, D. C. U. S. G. S. 5017
Geology mapped in 1953-1955.

For sale by U. S. Geological Survey, price 50 cents

Topography by U. S. Geological Survey by
multiplex methods from aerial photographs

PRELIMINARY GEOLOGIC MAP OF THE NORTHEAST PART OF THE FLINT HILL QUADRANGLE, FALL RIVER COUNTY, SOUTH DAKOTA

By
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