



**EXPLANATION**

- Qw  
Windblown silt and sand
- Qc  
Colluvium
- Qol  
Alluvium
- Qlg  
Terrace gravel
- Ql  
Landslide
- Ksc  
Skull Creek shale
- Kfr  
Fall River sandstone
- Kfml  
Fuson formation, Minnewaste limestone, and Lakota sandstone, undifferentiated
- Jm  
Morrison formation
- Jsr  
Sundance formation
- Jr  
Redwater shale member, Jsr.

**Type of exposure**

Small letters denote type of exposure within mapped units. "a" indicates areas of good exposure; "b" indicates areas of intermediate exposure; "c" indicates areas of no exposure. Type of exposure was not mapped in Quaternary deposits.

**Contact**  
Dashed where approximately located.

**Indefinite or inferred contact**

**Limit of exposure**

**Landslide boundary**  
Triangles point toward area of landslide debris.

**Silica-cemented sandstone**

**Mine**

**Prospect**

**Oil well (abandoned)**

**Spring**

**Well**

**PART OF QUADRANGLE COVERED BY THIS MAP**

**APPROXIMATE MEAN DECLINATION, 1957**

**PRELIMINARY GEOLOGIC MAP OF THE WEST CENTRAL PART OF THE FLINT HILL QUADRANGLE, FALL RIVER COUNTY, SOUTH DAKOTA**

By  
**Henry Bell and E. V. Post**

Scale 1:7200  
1000 2000 3000 Feet  
Contour interval 10 feet  
Datum is mean sea level

*South Dakota (WC Flint Hill quad.) Geol. 1:7200, 1957.*  
*cop. 1.*

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

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M. R. 5015

Geology mapped in 1953—1955

M(200)  
A364  
no. 64

M(200)  
A364  
no. 64  
C/1