



EXPLANATION

Qal

Alluvium

Ql

Landslide

Kfml

Fuson formation, Minnewassee limestone, and Lakota sandstone, undifferentiated

Base of Fuson formation, Minnewassee limestone, and Lakota sandstone undifferentiated indicated by a ticked line. Lithology of units is as follows: a, sandstone; m, mudstone; sm, interbedded sandstone and mudstone. Prominent sandstone bed is numbered as follows:

Unit No. 1 (S<sub>1</sub>) is a tan to light yellow-gray, cliff-forming, thin- to thick-bedded, fine-grained sandstone with interbedded mudstone.

Jm

Morrison formation

Jsr

Jsl

Jsh

Jssb

Jscs

Sundance formation

Redwater shale member, Jsr; Lak number, Jsl; Fister sandstone member, Jsh; Stockade Beaver shale member, Jssb; Canyon Springs sandstone member, Jscs.

Jsg

Spearfish formation

Gypsum beds, Jsg

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PRELIMINARY GEOLOGIC MAP OF THE WEST-CENTRAL PART OF THE MINNEKAHTA QUADRANGLE, FALL RIVER COUNTY, SOUTH DAKOTA

By  
V. R. Wilmarth and R. D. Smith

Scale 1:7,200

Contour interval 10 feet

Datum is mean sea level

1957

South Dakota (NE Minnekahta quad). Geol. 1:7,200. 1957.  
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Geology mapped in 1953-55

Base map by multiplex methods  
from aerial photographs