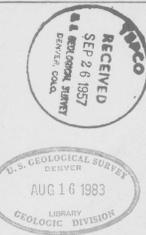


(200)
76/11m
76.1058



EXPLANATION

Qal	Alluvium
Qw	Older Alluvium
Qig	Surficially modified by wind
Qtg	Terrace gravel
Kbf	Belle Fourche shale
Kmo	Mowry shale
Ksc	Skull Creek shale
Kfr	Fall River sandstone

Upper Cretaceous
Lower Cretaceous

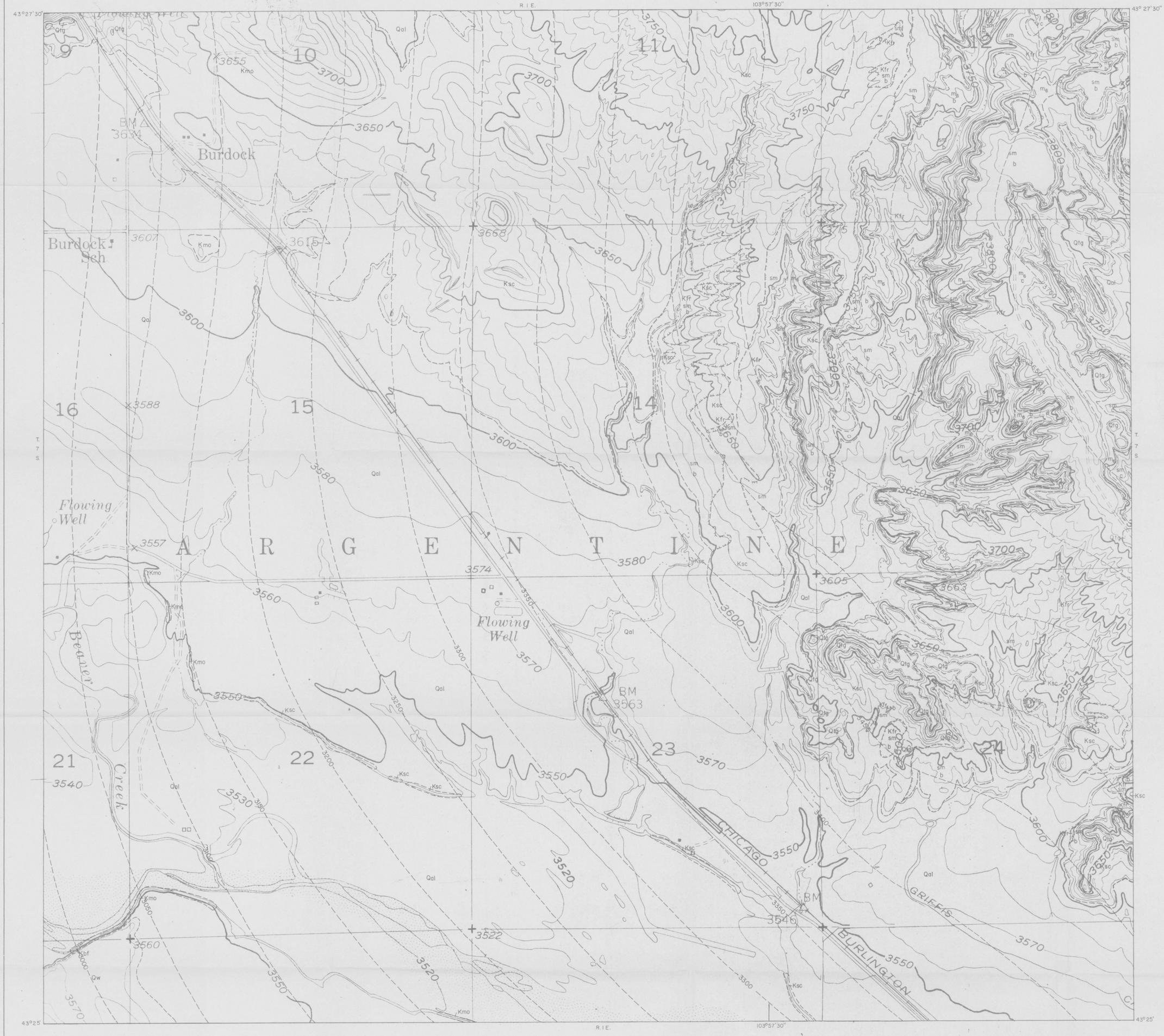
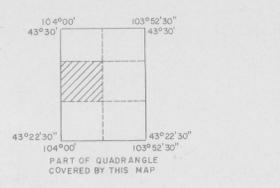
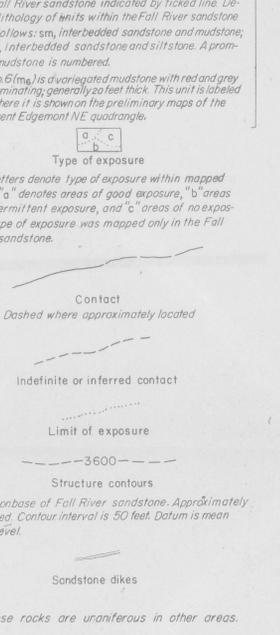
Inyan Kara group *

Top of Fall River sandstone indicated by ticked line. Detailed lithology of units within the Fall River sandstone is as follows: sm, interbedded sandstone and mudstone; and ss, interbedded sandstone and siltstone. A prominent mudstone is numbered.

Unit No. 6 (mg) is divergated mudstone with red and gray predominating, generally 50 feet thick. This unit is labeled m₆ where it is shown on the preliminary maps of the adjacent Edgemont NE Quadrangle.

Type of exposure

Small letters denote type of exposure within mapped units. "a" denotes areas of good exposure, "b" areas of intermittent exposure, and "c" areas of no exposure. Type of exposure was mapped only in the Fall River sandstone.



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

Geology mapped in 1955 and 1956

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

By
R.W. Schnabel and L.J. Charlesworth Jr.
Scale 1:7200



Contour interval 10 feet
Datum is mean sea level
1957