R.7 E. R.8 E

T 19 N

T 18 N

T 17 N

EXPLANATION

QUATERNARY
Recent — Qls — Landslide

TERTIARY
Oligocene and Miocene — Taw — White River group and Arikaree formation undifferentiated
Paleocene — Tfl — Ludlow member of Fort Union formation

CRETACEOUS
Upper Cretaceous — Khc — Hell Creek formation

Approximate contact

Fault approximately located
Dotted where concealed, U, *upthrown side*, D, *downthrown side*

Outcrop of lignite bed
Dashed where inferred

Outcrop of burned lignite bed

Locality of sample
114 *lignite section number* .002-.006 *range of uranium content, in percent*

Mine

Auger hole
Owing to contamination of lignite cuttings with wall rock, the uranium analyses shown at drill sites are 25–45 percent below their true values

Section corner recovered

Boundary of Custer National Forest

Geology by N M Denson, G O Bachman, and H D Zeller, modified after Winchester and others, 1916, plate 1

GEOLOGIC MAP OF SLIM BUTTES AREA, HARDING COUNTY, SOUTH DAKOTA

1 0 3 Miles

469117 O - 59 (In pocket)