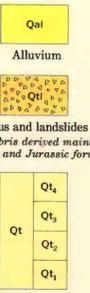




EXPLANATION



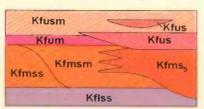
Alluvial terraces
Unconsolidated stream deposits. Contemporaneity of terraces denoted by subscripts, 1 youngest to 4 oldest



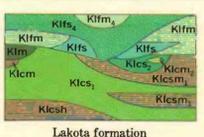
Terrace gravel
White River(?) formation
Unconsolidated high-level gravel deposits



Skull Creek shale



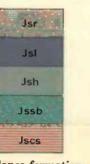
Fall River formation
Upper unit:
Kfms, interbedded sandstone and mudstone.
Kfus, sandstone.
Kfum, variegated mudstone.
Middle unit:
Kfmsm, interbedded sandstone and mudstone.
Kfms, interbedded sandstone and siltstone.
Kfms, prominent fluvial sandstone.
Lower unit:
Kfss, interbedded sandstone and siltstone



Lakota formation
Fuson member:
Kfms, prominent channel sandstone.
Kfms, mudstone part of channel fill.
Kfms, mudstone.
Kfms, sandstone.
Minnesota limestone member, Kim.
Chisum member:
Kfms, mudstone.
Kfms, prominent fluvial sandstone.
Kfms, prominent fluvial sandstone.
Kfms, interbedded sandstone and mudstone associated with Kfms.
Kfms, basal shale



Morrison formation



Sundance formation
Jsr, Redwater shale member.
Jsl, Lak member.
Jsh, Hallett sandstone member.
Jssb, Stockade Beaver shale member.
Jscs, Canyon Springs sandstone member



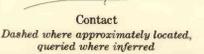
Spearfish formation
Psg, gypsum beds.
Ps, Pss, siltstone



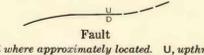
Minnekahta limestone



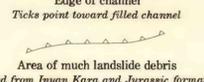
Opeche formation



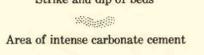
Contact
Dashed where approximately located, queried where inferred



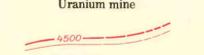
Indefinite or inferred contact



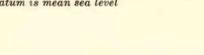
Fault
Dashed where approximately located. U, upthrown side; D, downthrown side



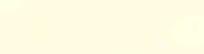
Edge of channel
Ticks point toward filled channel



Area of much landslide debris
Derived from Inyan Kara and Jurassic formations
Triangles point toward area



Strike and dip of beds



Area of intense carbonate cement



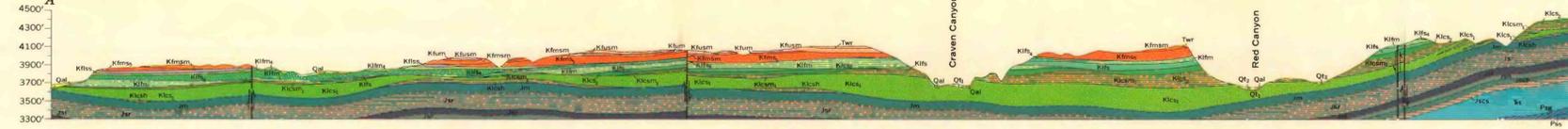
Adit



Uranium mine

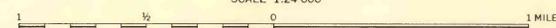
Base map by Topographic Division
U. S. Geological Survey, 1950

Geology mapped by G. B. Gott and
R. W. Schnabel, 1953-55



GEOLOGIC MAP AND SECTION OF THE EDMONTON NE QUADRANGLE
FALL RIVER AND CUSTER COUNTIES, SOUTH DAKOTA

SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

