



Qc
Colluvium

Qal
Alluvium

Qtl
Talus and landslide

Qtg
Terrace gravel

Qt
Quartzite

		Terrace alluvium	
		Lithologic units	
Lower Cretaceous	Fossiliferous sandstone	Areas of good exposure	Kfs
		Areas of poor exposure	Kfs
		Sandstone	
		Kfsm	
		Sandstone and mudstone	
	Fossil formation	Interbedded Sandstone and mudstone	Kfs
		Sandstone	Kfs
		Kfsm	Kfsm
		Mudstone	
		Kfst	
	Lakelse sandstone	Siltstone	
		Kis	Kis
		Sandstone	
		Kism	Kism
		Interbedded Sandstone and mudstone	
Upper Jurassic	Sandstone formation	Kim	Kim
		Mudstone	
		Jm	Jm
		Morrison formation	
		Jsr	Jsr
	Sandstone formation	Redwater shale member	Jsr
		Jal	Jsl
		Luk member	
		Jsh	Jsh
		Hullett sandstone member	
		Jslb	Jslb
		Blackfoot Beaver shale member	
		Jscs	Jscs
		Canyon Springs sandstone member	
		Ths	Ths
Spaulfish formation			

Formational contact
Dashed where approximate

Indefinite or inferred
formational contact

Lithologic contact
Dashed where approximate

Indefinite or inferred
lithologic contact

Limit of exposure

Fault
Dashed where approximate
|| indicates upthrown side

6
—
Strike and dip of beds

Strike and dip of joint

Strike of vertical joint

X

x .015

(Background .008 me/hr)

E. NORTH
TIC NO

APPROXIMATE MEAN

Map of the study area

10" 103° 52' 30" Part of quadrangle covered by this map

is based on work done on
behalf of the U. S. Atomic
Energy Commission.

map is preliminary and has

Signature.

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South Dakota (Edgemont NE quad.). Geol. 1:7200. 1954.

M(200)
R290

no.55-5
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