UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1127
PLATE 1

104°45' 44°52'30" R. 66 W. R. 65 W. 42'30" 40' 104°37'30" 44°52'30"

EXPLANATION

Qal
Alluvium

Ql | Qlm | Qln | Qmn
Landslide deposits
Ql, *landslide material, undifferentiated*
Qlm, *landslide of Mowry shale*
Qln, *landslide of Newcastle sandstone*
Qmn, *landslide of Mowry shale and Newcastle sandstone*

QUATERNARY

Knc
Newcastle sandstone
Interbedded carbonaceous claystone, siltstone, and lenticular sandstone, includes a few bentonite beds

Ksc
Skull Creek shale
Slightly silty black greasy locally bentonitic shale

Kru | Krl
Fall River formation
Kru, *upper unit; gray to light-brown thinly laminated to laminated clayey siltstone and silty claystone overlain by thin beds of light-gray ripple-marked cross-stratified very fine grained sandstone that thickens locally into a massive cliff-forming lenticular unit*
Krl, *lower unit; gray thin-bedded very fine grained sandstone intercalated with carbonaceous clayey subfissile siltstone in the lower part; medium- to dark-gray subfissile clayey siltstone and silty claystone in the middle part; and light-brown thin- to thick-bedded locally cross-stratified very fine grained cliff-forming sandstone in the upper part*
Kr, *symbol used on structure section only*

Lower Cretaceous

CRETACEOUS

Kl | KJlm
Lakota and Morrison formations
Kl, *Lakota formation; variegated sandy claystone and clayey sandstone, siltstone, and lenticular conglomeratic sandstone*
KJlm, *Lakota and Morrison formations, undifferentiated in Sourdough Creek area. Morrison formation, variegated limy claystone, thin discontinuous beds of dense limestone, and thin sandstone beds*

Upper Jurassic

JURASSIC

Contact
Dashed where approximately located; short dashed where indefinite or inferred

Fault, showing dip
Dashed where approximately located
U, *upthrown side;* D, *downthrown side*

Strike and dip of beds

Strike and dip of joints

Strike of vertical joints

Mine or quarry

Structure contours
Drawn on top of the lower unit of the Fall River formation, Krl; dashed where inferred. Contour interval is 20 feet; datum is mean sea level; in northwest corner below 3600 feet, contour interval is 100 feet

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1962

T. 56 N.
T. 55 N.
47'30"

Base map by Topographic Division, U. S. Geological Survey, 1954

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—10384

Geology by G. A. Izett, R. E. Davis, M. R. Brock, R. E. Mase, and J. L. Gaebel, 1956–57

A — Ksc — Kr — Ksc — Qal — Kr — Ksc — Qal — Kr — Ksc — Kr — A′
4000′ / 3600′
Elkhorn Creek · Tie Creek · Bronco John Creek
Kl

GEOLOGIC MAP AND SECTION OF THE STRAWBERRY HILL QUADRANGLE, WYOMING

SCALE 1:24 000

1 ½ 0 1 MILE

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL