

LEGEND

SEDIMENTARY ROCKS
(continued)

SHEET SYMBOL SECTION SYMBOL

UNCONFORMITY

Ob Ob

Bighorn limestone

(massive, buff siliceous limestone, contains by thin bedded limestone, gray sandstone at base)

UNCONFORMITY

Cd Cd

Deadwood formation

(buff sandstone, green shale, limestone, and limestone conglomerate)

IGNEOUS ROCKS

Diabase

(dikes cutting granite, only the larger dikes shown)

Peridotite

(dikes cutting granite)

Red granite

(mostly of reddish color, merges into gray)

Gray granite

(mostly of gray color, merges into red)

Combined with red granite on sections

Combined with gray granite on sections

Faults

1/2° Strikes and dip of stratified rocks

Glacial striae



SEDIMENTARY ROCKS	SHEET SYMBOL	SECTION SYMBOL
Quaternary	Qa1	Qa1
Alluvium (ground sand and loam, only the larger areas shown)	Qa1	Qa1
Earlier terrace deposits (ground and loam)	Qr	Qr
Earlier terrace deposits (mainly silt)	Ql	Ql
Lake deposits (mainly silt)	Qn	Qn
Névé deposits (rock debris accumulated under former snow fields)	Qvt	Qvt
Valley trains (stream gravels)	Qlm	Qlm
Lateral moraines	Qm	Qm
Terminal moraines	Qlg	Qlg
Later glacial drift (only the larger areas shown)	Qeg	Qeg
Earlier glacial drift (boulders and sand, deposits in part discontinuous)	Kdc	Kdc
De Smet formation (carbonaceous shales, sandstone and coal beds with burned-out coal or oxidized beds, Kdc in upper portion)	Kdc	Kdc
Kingsbury conglomerate (local conglomerate composed largely of limestone)	Kpy	Kpy
Finey formation (brown sandstone and shale)	Kpm	Kpm
Parkman sandstone (light buff fine-grained, massive sandstone)	Kp	Kp
Pierre shale (dark gray shale or clay with concretions)	Kmr	Kmr
Colorado formation (dark gray shale with thin brown sandstone near base and Mowry member near top of hard shale and sandstone)	Kcv	Kcv
Cloverly formation (coarse buff sandstone overlain by light-colored clay)	Km	Km
Combined with Sundance formation on sections	Km	Km
Morrison formation (massive sandy shale, gray, greenish, and maroon, with several gray sandstone layers)	Jsd	Jsd
Sundance formation (buff sandstone and greenish shale with local limestone layers)	Jsm	Jsm
UNCONFORMITY	Jc	Jc
Chugwater formation (soft red sandstone and red shale with thin limestone near top and local gypsum deposits)	Ct	Ct
Tensleep sandstone (hard massive, white sandstone)	Ca	Ca
Combined with Tensleep sandstone on sections	Ca	Ca
Asselton formation (cherty and fine limestone, with sandstone layers, red shale at base)	Cm	Cm
Madison limestone (gray limestone, upper part massive and lighter-colored)	Cm	Cm

E.M. Douglas, Geographer in charge.
Triangulation by W.S. Post.
Topography by Frank Tweedy.
Surveyed in 1899.

Scale 1:25000
1 1/2 0 1 2 3 4 Miles
1 1/2 0 1 2 3 4 Kilometers

General Geology by N.H. Darton,
assisted by C.A. Fisher.
Glacial Geology by E. Blackwelder,
under the direction of R.D. Salisbury.
Surveyed in 1901-1904.

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APPROXIMATE MEAN DECLINATION 1922

Legend is continued on the left margin.