



LEGEND

SUPERFICIAL

PL
River gravels
locally abundant

SEDIMENTARY

Kr
Ruby formation
(Conglomerate sandstone and tuff of andesitic material)

Ko
Ohio Creek formation
(Conglomerate sandstone and sandstone)

Kl
Laramie formation
(Sandstone and shale containing 3 coal beds generally workable)

Km
Montana formation
(Fox Hills sandstone and Pierre shale thick shaly)

IGNEOUS

wb
West Elk breccia
Containing a variety of andesites.

adi
Dikes
of diorite, porphyrite and quartz-porphyr.

pt
Porphyrite

pd
Porphyritic diorite

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Henry Gannett, Chief Geographer.
Triangulation by the Hayden Survey.
Topography by Anton Karl and Laurence Thompson.
Surveyed in 1883 & 1888.

S.F. Emmons, Geologist in charge.
Geology of Igneous Rocks by Whitman Cross.
Geology of Sedimentary Rocks by C.H. Eldridge.
Surveyed in 1884-86.

Scale 62,500
Contour Interval 100 feet
Edition of Mar. 1894.