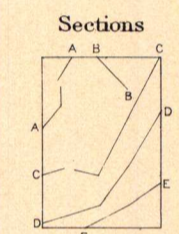


LEGEND
(continued)

IGNEOUS ROCKS
(Areas of igneous rocks are shown by patterns of triangles and rhombs.)

- b
Basalt
- rh
Rhyolite
- pt
Porphyrite
- dp
Diorite-porphyrity
- di
Diorite
- an
Andesite
- bbr
Basic andesitic lavas and flows
- gr
Granite
- Dikes of augite-porphyrity, syenite, etc.
- Dikes of diabase and peridotite

Faults



Known productive formations

- Coal
- Quartzite (building stone)

SPECIAL SYMBOLS

- Mines and quarries
- Prospects
- HYDR Hydraulic gold mines

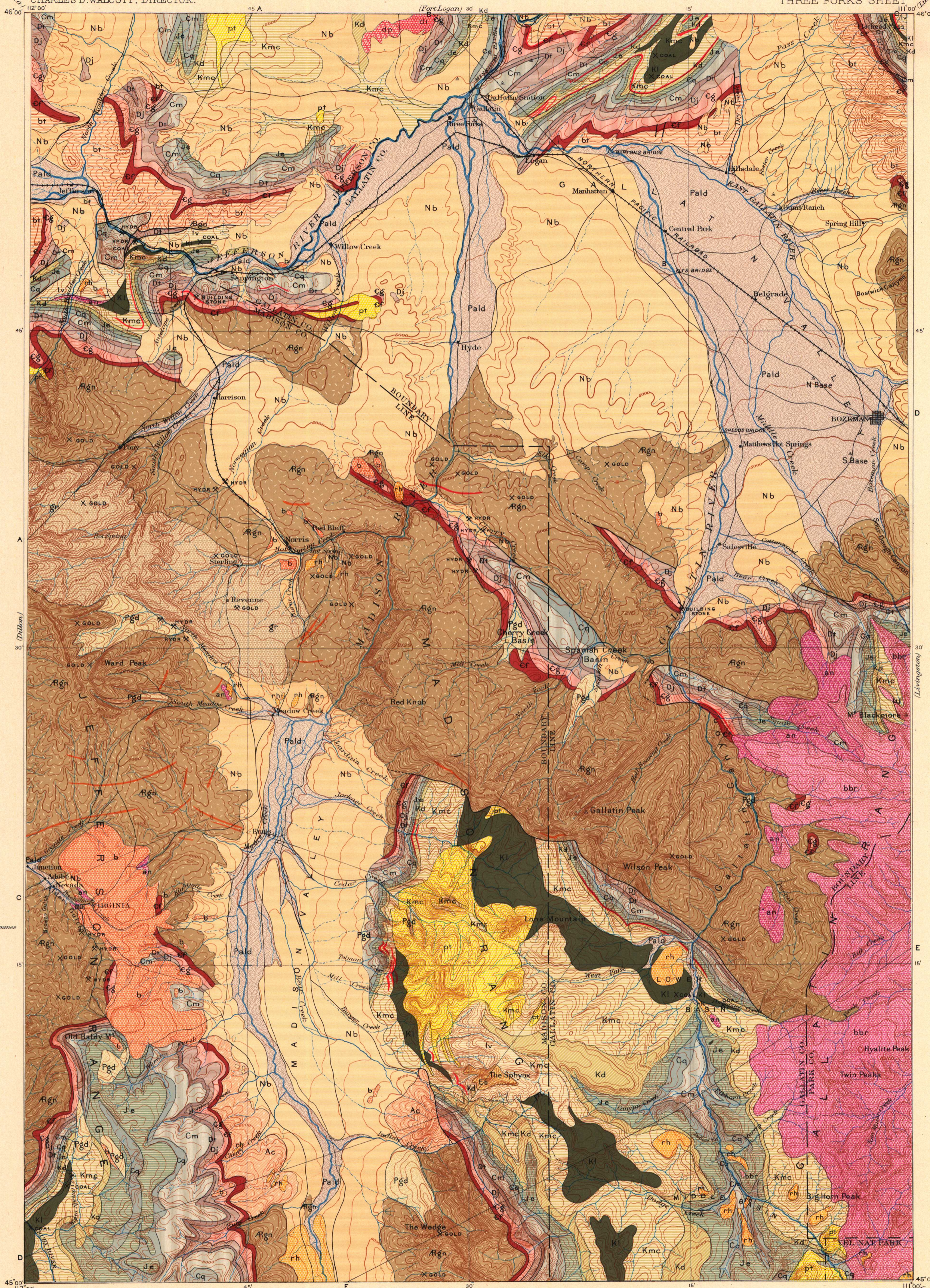
LEGEND

SURFICIAL ROCKS
(Areas of Surficial rocks are shown by patterns of dots and circles.)

- Pald
Alluvium and drift
- Pgd
Glacial drift and moraines

SEDIMENTARY ROCKS
(Areas of Sedimentary rocks are shown by patterns of parallel lines. Metasuppression is indicated by short dashes combined with the parallel lines.)

- Nb
Bozeman lake beds
(sand, conglomerate, limestone clay, and volcanic clay)
- Es
Sphynx conglomerate
- lv
Livingston formation
(conglomerate, sandstone, and andesitic tuff)
- Kl
Laramie formation
(sandstone and clay with areas of coal)
- Kmc
Montana and Colorado formations
(sandstone, limestone, and shale)
- Kd
Dakota formation
(conglomerate, quartzite, sandstone, and shale)
- Je
Ellis formation
(sand and clay limestone and quartzite)
- Cq
Quadrant formation
(cherty and magnesian limestone)
- Cm
Madison limestone
- Dt
Three Forks formation
(shale and magnesian limestone)
- Dj
Jefferson limestone
(possibly including Starbuck at base)
- Cg
Gallatin formation
(limestone and shale)
- Cf
Flathead formation
(limestone, shale, and quartzite)
- bt
Belt formation
(conglomerate, sandstone, and magnesian limestone)
- Ac
Cherry Creek formation
(marble, mica-schist, and gneiss)
- Rgn
(Areas of ancient crystalline rocks and/or metamorphic rocks of unknown origin are shown by patterns of short dashes.)
Gneiss and schist



Henry Gannett, Chief Geographer.
A.H. Thompson, Geographer in charge.
Triangulation by J.H. Renshawe and E.M. Douglas.
Topography by the Northern Transcontinental Survey and Frank Tweedy.
Surveyed in 1886.

N.T. Survey
F. Tweedy

Scale 250,000
0 1 2 3 4 5 6 7 8 9 10 Miles
0 2 4 6 8 10 Kilometers
Contour Interval 200 feet
Datum is mean Sea level
Edition of Aug. 1895.

Geology by A.C. Peale.
Surveyed in 1883-89.