

LEGEND

SEDIMENTARY ROCKS
(Areas of subequivalent
deposits are shown by
patterns of parallel lines)

Cwl
Winslow
Formation
(black platy shale
and thin bedded and
massive sandstones)

Ck
Cbl
UNCONFORMITY
Bloyd shale with
Brentwood, Cbr, and
Kessler, Ck, lime-
stone members

Cbl
Hale formation
(black platy clay shale
and brown calcareous
sandstone with lime
stone lenses)

Cp
Pitkin limestone
(massive gray fossil-
iferous limestone)

Cfv
Fayetteville shale
with Wedington
sandstone mem-
ber, Cwl

Cbn
Batesville sandstone
with Hindsville lime-
stone member, Cbl

Cbn
Boone limestone with
St. Joe limestone
member, Csj

Cbn
Chattanooga shale
with Sylvania sand-
stone member, Cbl
(black fossiliferous shale,
and white to rusty sand-
stone in part phospha-
tic)

Cbl
Clifty limestone
(gray compact sand limestone,
exposed only near Sedalia)

Osp
St. Peter sandstone
(massive micaceous
sandstone)

Ost
Everton limestone
(dark-colored compact
limestone and fossil
white sandstone)

Op
Powell limestone
(greenish-gray to light-
gray magnesian lime-
stone)

Oc
Cotter dolomite
(gray dolomite containing
thin beds of micaceous
sandstone)

Faults

QUARTZITE, LIME AND BUILDING STONE

Economic data: Glass and building
sand can be obtained from
Osp and lower part of Ost; build-
ing sand from De limestone for
lime and cement from Ost, Csj,
Cbn, Cbl, Ck and Cw shale for
brick and cement from Oc, Cfv,
Cbl, Ck and Cw shale for build-
ing ballast and road material
from most of the formations in
the area. Stream deposits, silt
sand and gravel, residual clays
are suitable for brick.



Jno. H. Renshaw, Geographer in charge.
Triangulation by Geo. T. Hawkins.
Topography by H. B. Blair.
Surveyed in 1900.

Scale 1:25,000
1 1/2 0 1 2 3 4 5 Miles
1 1/2 0 1 2 3 4 5 Kilometers

Contour interval 50 feet.
Datum is mean sea level.
Edition of Oct. 1914.

DIAGRAM OF TOWNSHIP
36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Geology by A. H. Purdie,
assisted by H. D. Miser,
R. D. Mesler, and Storer Leverett.
Surveyed in 1903, 1905, and 1910.