

label  
Qts  
Tb  
Trv  
Tri  
Tlv  
Tli  
a  
gp  
h  
pr  
fqm  
bqm  
u  
bp  
m  
cg  
gr  
hc  
ap  
d  
mc  
mt  
lg  
pg  
rc  
mb  
sl  
si  
sgd  
sm  
Kb  
Kev  
Ki  
MPz  
Pz  
pCs  
pCi  
pCm

explanation

Sedimentary deposits

Basalt lavas

Rhyolite lava and tuff of the Avon Volcanics and associated intrusive rocks, Tri

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Lowland Creek Volcanics and associated intrusive rocks, Tli Quartz latite

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alaskite and/or aplite

granite porphyry

Homestake quartz monzonite

Pulpit Rock quartz monzonite

felsic quartz monzonite, compositionally similar to h and pr

Butte Quartz Monzonite

Unionville Granodiorite of Knopf (1963)

granodiorite of Burton Park; provisional assignment to series

mafic rocks, mostly gabbroic

Climax Gulch pluton and associated younger granitic bodies, gr

Climax Gulch pluton and associated younger granitic bodies, gr

Hell Canyon pluton and associated aplite, ap

Hell Canyon pluton and associated aplite, ap

Donald pluton

Moose Creek pluton

Moosetown pluton

unnamed plutons

porphyritic granodiorite of Knopf (1963); provisional assignment to series

granodiorite and quartz monzonite of the zoned Rader Creek pluton

mafic bodies that cut the pluton

leucocratic rocks

intermediate rocks

granodioritic rocks

mafic rocks, mostly gabbroic

Basalt flows and flow breccias

Elkhorn Mountains Volcanics and associated intrusive rocks, Ki

Elkhorn Mountains Volcanics and associated intrusive rocks, Ki

Mesozoic and Upper Paleozoic sedimentary rocks

Paleozoic sedimentary rocks

Precambrian sedimentary rocks and associated intrusive rocks, pCi

Precambrian sedimentary rocks and associated intrusive rocks, pCi

Precambrian metamorphic rocks

description

CLAY, SILT, SAND, AND GRAVEL, UNDIVIDED (QUATERNARY AND TERTIARY) Includes alluvium, colluvium Basalt lava flows, most probably Upper Miocene or Lower Pliocene, but could be as old as Oligocene (Klepper and Rhyolite lava flows and tuffs of the Upper Eocene and Lower Oligocene (?) Avon Volcanics of the Helena Volcanics Rhyolite dikes and plugs, intrusive equivalents of the Avon Volcanics (Trv).

Quartz-lathite tuff, welded tuff, and lava flows of the Middle Eocene Lowland Creek Volcanics.

Quartz-lathite intrusive rocks contemporaneous with the Lowland Creek Volcanics (Tlv). Shown separately only with allanite are conspicuous.

Meyer and others, 1968) .

of alkali feldspar.

bodies that intrude it.

west of Whitetail Basin) .

the pluton.

hypidiomorphic, in texture.

few aplite-alaskite bodies.

by Smedes (1966).

Table 2).

into and locally cuts the cg.

aplite (ap).

because of spatial association.

bodies.

others, 1980).

(mc).

problematic.

1974, Table 1).

(see below).

known.

are relatively sparse.

are rare.

and dark gray.

rocks.

Volcanics (Kev).

Monzonite (bqm).

Volcanics (Kev).

and Colorado Fms.

Quadrant Fm.

quartzite.

AGE (PROTEROZOIC)

granite.

l, glacial deposits, terrace deposits, and lake deposits.  
nd others, 1971a).  
c field.

ere not coincident with extrusive rocks and in the roof pendant near Wickes in the Jefferson City quadrangle.