

68-124

EXPLANATION

Qa

Alluvium

Qt

Talus
and slope wash

Qf

Alluvial fan

Ql

Landslide deposits

Qg

Terrace gravel

Qtr

Travertine

Tj

Jasper and silicified tuff

Tf

Fish Canyon Tuff

Tsv

Sapinero Mesa Tuff
Tsv, vitric welded tuff
Tsv, devitrified welded tuff

Tbd

Dillon Mesa Tuff and Blue Mesa Tuff

Ttr

Travertine

Tgt

Gravel and talus

TL

Lake Fork Formation
Flows of hornblende rhyodacite

Jj

Junction Creek Sandstone

gd

Gabbro-diabase dikes

ts

Syenite and trachyte dikes

c/s

Carbonatite
Letter symbol omitted in some
areas within complex

ns

Nepheline syenite

ps

Pyroxenite-syenite hybrid rock

i

Ijolite

u

Uncompahgrite

m

Melanite-orthoclase-apatite rock

p

Pyroxenite

.

Fenite
Intensity of fenitization
indicated by dots

mg

Light-gray fine- to medium-grained granite
Locally schistose

cg

Coarse-grained gneissic biotite granite

f

Felsite

h

Hornblende schist
and amphibolite

70

Contact, showing dip
Dashed where approximately located; short dashed where indefinite;
dotted where concealed

70

Fault, showing dip
Dashed where approximately located; short dashed where inferred;
dotted where concealed

40

Inclined
Strike and dip of foliation, and
bearing and plunge of lineation

30

70

Vertical
Thorium-bearing vein

x

Prospect pit

Y

Portal of edit

This map is preliminary and has not
been edited or reviewed for conformity
with U.S. Geological Survey standards
and nomenclature.

QUATERNARY

TERTIARY

JURASSIC

PRECAMBRIAN OR CAMBRIAN

PRECAMBRIAN

98-131
023