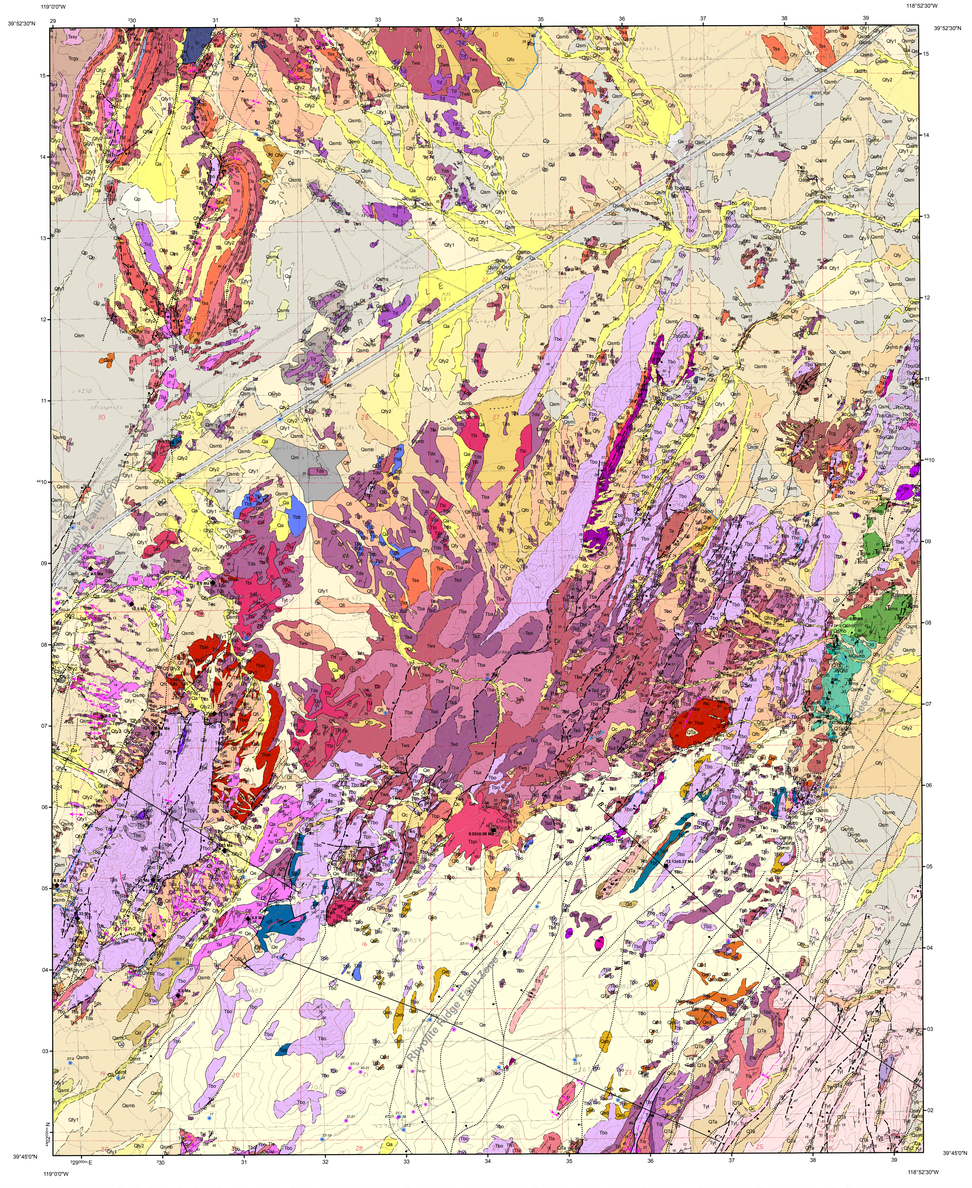
Prepared as part of the STATEMAP components of the National Cooperative Geologic Program in cooperation with the U.S. Geological Survey and with support from the U.S. Department of Energy



PRELIMINARY GEOLOGIC MAP OF THE DESERT PEAK QUADRANGLE, CHURCHILL COUNTY, NEVADA

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2012

Symbology (per FGDC-STD-013-2006)

Contact Solid where certain and location accurate, long-dashed where approximate, dotted where concealed.

Internal contact Solid where certain and location accurate; queried if identity or existence uncertain.

Fault Long-dashed where approximate; queried if identity or existence uncertain. Showing dip; ball on downthrown side.

Normal fault Solid where certain and location accurate, long-dashed where approximate, dotted where concealed; queried if identity or existence uncertain. Showing dip; ball on downthrown side.

Strike-slip fault Solid where certain and location accurate, long-dashed where approximate, dotted where concealed. Arrows show relative motion.

Lineament

Anticline Solid where certain and location accurate, long-dashed where approximate, dotted where concealed.

Syncline Long-dashed where approximate.

A — A′ **Line of cross section**

Geothermal features

Mud

Sand

Barrier/depositional feature Solid where certain and location accurate, long-dashed where approximate.

Erosional shoreline Long-dashed where approximate.

Vein, veinlet, or mineralized stringer Solid where certain and location accurate.

Open pit or quarry

Tephra

Dikes

Tds – Long dashed where approximate

Tcg – Long dashed where approximate

Tws – Solid where certain

Tbl – Solid where certain

Veins

Tcv – Calcite vein Solid where certain, long dashed where approximate

Tqv – Quartz vein –Solid where certain, long dashed where approximate

Strike and dip of bedding
Inclined — Inclined – Approximate — Horizontal

Strike and dip of compact foliation in ash-flow tuff
Inclined

Strike and dip of flow banding or flow foliation in volcanic rocks
Inclined — Vertical

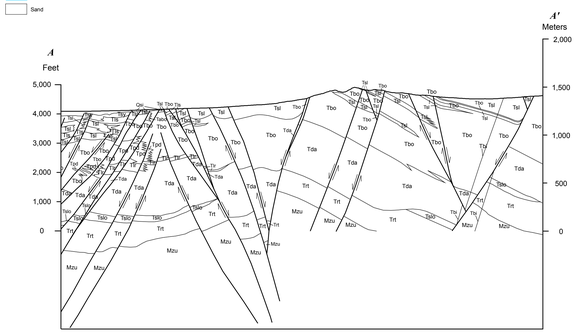
Strike and dip of joints
Inclined — Vertical

Wells - No cuttings data

Wells - With cuttings data

Tephra correlation

$^{40}Ar/^{39}Ar$ sample locality


A
Feet
5,000
4,000
3,000
2,000
1,000
0
A′
Meters
2,000
1,500
1,000
500
0
Tsl
Tbo
Tbr
Tb
Tlc
Tlm
Tdr
Tdl
Tdd
Tdu
Tdb
Tdm
Tdz
Tdz/Tb
Tdz/Tbr
Tdz/Tbo
Tdz/Tbm
Tdz/Tlm
Tdz/Tlc
Tdz/Tlt
Tdz/Tlr
Tdz/Tlf
Tdz/Tlb