



EXPLANATION

SEDIMENTARY ROCKS

Qt
Talus and alluvium
Principally blocks of light rhyolite porphyry

IGNEOUS ROCKS

Tib
Light rhyolite breccia
Pale orange, weathering red-brown, with angular fragments up to 1 meter in diameter of finely banded rhyolite and rhyolite porphyry

Tg
Porphyritic granite
White, with quartz and feldspar phenocrysts as much as 1 cm in diameter; includes some aplite

Tdb, Tsb
Dark rhyolite breccia
Tdb, black, aphanitic, with angular fragments as much as 2 cm in diameter. Tsb, gray, silicified breccia with many quartz veins

Tdp
Dark rhyolite porphyry
Black, aphanitic with 2 mm feldspar phenocrysts

Tlp
Light rhyolite porphyry
Greenish-gray, aphanitic, with feldspar and quartz phenocrysts; includes some andesite porphyry and some non-porphyrific felsite. Some dikes are younger than the light rhyolite breccia

Ph
Hornfels
Includes spurrite-merwinite, garnet-wollastonite, and garnet-idocrase types

Pm
Marble
White, coarse-grained

Pl
Limestone, unaltered
Gray to black, clastic to marly

QUATERNARY

TERTIARY

PERMIAN

Hueco limestone, includes some Bone Spring limestone on western ridge

56
Contact, showing dip
Dashed where approximately located

90
Vertical contact

Indefinite contact

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Limit of outcrop

65
Fault, showing dip

75
Vein, showing dip

90
Vertical vein

35
Strike and dip of beds

90
Strike of vertical beds

55
Generalized strike and dip of crumpled beds

90
Generalized strike of crumpled vertical beds

55
Strike and dip of foliation

▣
Inclined shaft

▣
Vertical shaft

Y
Portal of adit

X
Small prospect pit

S-150-517; <0.001
Sample number; percent beryllia

GEOLOGIC MAP OF CAVE PEAK, CULBERSON COUNTY, TEXAS