



EXPLANATION

Alluvium, glacial debris, and landslides  
 UNCONFORMITY  

 Hinsdale formation  
 UNCONFORMITY  

 Upper member  
 Quartz latite flows and volcanic vents  
 UNCONFORMITY  

 Lower member  
 Massive flows and intrusive bodies, ei, with local bodies of volcanic breccia and a few vent complexes. Crosses indicate rock lithologically similar to dike rocks, Tfd  

 Dike rocks  
 Characterized by giant sanidine and rounded quartz phenocrysts  
 UNCONFORMITY  

 Potosi volcanic series, undivided  
 Includes parts of the Conejos formation, Treasure Mountain rhyolite, Sheep Mountain quartz latite, Alboroto rhyolite, and Piedra rhyolite  

 Conejos formation  
 Widespread dark flows and sparse pyroclastic beds cut by quartz monzonite stocks, ci  
 ALTERED ROCKS  

 Rocks altered during the Fisher period of volcanism  

 Rocks altered during the Conejos period of volcanism  
 Contact  
 Dashed where approximately located  
 Indefinite and gradational contact  

 Fault, showing dip  
 Dashed where approximately located

Middle or upper Tertiary

Potosi volcanic series

Fisher quartz latite

QUATERNARY  
TERTIARY



Base adapted from the Summitville quadrangle, Colorado, U. S. Geological Survey, 1910-13. Modified 1959

Geology of the Summitville district generalized from plate 2 of this report. Geology of the surrounding areas modified from Cross and Larsen (1935, pl. 1)

RECONNAISSANCE GEOLOGIC MAP OF THE SUMMITVILLE DISTRICT AND SURROUNDING AREAS, RIO GRANDE AND CONEJOS COUNTIES, COLORADO

