EXPLANATION

Exposed bedrock indicated by darker tones

Tfu — Upper(?) member
Relatively unaltered dike rocks

ALTERED ROCKS

a / b Tfl — Quartz-alunite zone
Quartz-alunite rock and compact quartz rock, a; or vuggy quartz rock, b

Tflu — Undivided rocks of the illite-kaolinite and montmorillonite-chlorite zones

Tpc — Conejos formation

Middle or upper Tertiary — Fisher quartz latite — Lower member — TERTIARY

Contact
Dashed where approximately located

Gradational boundary of the coarsely porphyritic core of the South Mountain volcanic dome
Letter c is toward the core

Limit of outcrop

Fault
Dashed where approximately located

Strike and dip of flow layer

Strike and dip of joints

Strike of vertical joints

Shaft at surface

Edge of opencut

Dump

Base adapted from maps prepared by the Summitville Consolidated Mines, Inc. Coordinates based on the 1940 datum of that company

14° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1960

GEOLOGIC MAP OF THE MAIN METAL-PRODUCING AREA OF THE SUMMITVILLE DISTRICT, COLORADO

SCALE 1:1200
100 0 100 200 300 400 FEET
CONTOUR INTERVAL 20 FEET
DATUM IS APPROXIMATE MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. MR 1443

Geology by T. A. Steven and J. C. Ratté, 1953