UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 1101
PLATE 1

105°52'30" 45' 30' 105°15'
40°15' 40°15'
40°00' 40°00'
45' 45'
39°30' 39°30'
105°52'30" 45' 30' 105°15'

STRAWBERRY LAKE BATHOLITH
STRAWBERRY LAKE
MONARCH LAKE
WARD
OVERLAND MTN PLUTON
GOLD HILL
BOULDER
BOULDER CREEK BATHOLITH
CARIBOU PLUTON
EAST PORTAL
Area shown on plate 2
NEDERLAND
LOS LAGOS LENS
SEVERANCE LENS
LUMSTEN
Gross Reservoir
ELDORADO SPRINGS
EMPIRE
CENTRAL CITY
MT PISGAH PLUTON
BALD MTN PLUTON
BLACKHAWK
RALSTON BUTTES
IDAHO SPRINGS
MOUNT EVANS BATHOLITH
ROSALIE LOBE

EXPLANATION

- Mafic bodies (gabbro, pyroxenite, diorite, hornblendite)
- Quartz monzonite
- Metasedimentary rocks in Boulder Creek Granodiorite
- Idaho Springs–Ralston cataclastic zone, from Tweto and Sims (1963)
- Area from Lovering and Goddard (1950)
- Area from Wrucke and Wilson (1967), Gable (1969, 1972, 1977), Gable and Madole (1976), Taylor (1976), Sims and Gable (1967), Braddock (1969), Pearson and Speltz (1975)

13½°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1980

2 0 2 4 6 8 10 KILOMETERS

COLORADO
Location of study area

GENERALIZED GEOLOGIC MAP OF BOULDER CREEK GRANODIORITE WITH EMPHASIS ON COGENETIC MAFIC ROCKS, IN THE VICINITY OF THE BOULDER CREEK BATHOLITH, CENTRAL COLORADO

☆ U.S. GOVERNMENT PRINTING OFFICE: 1980—677-129/57