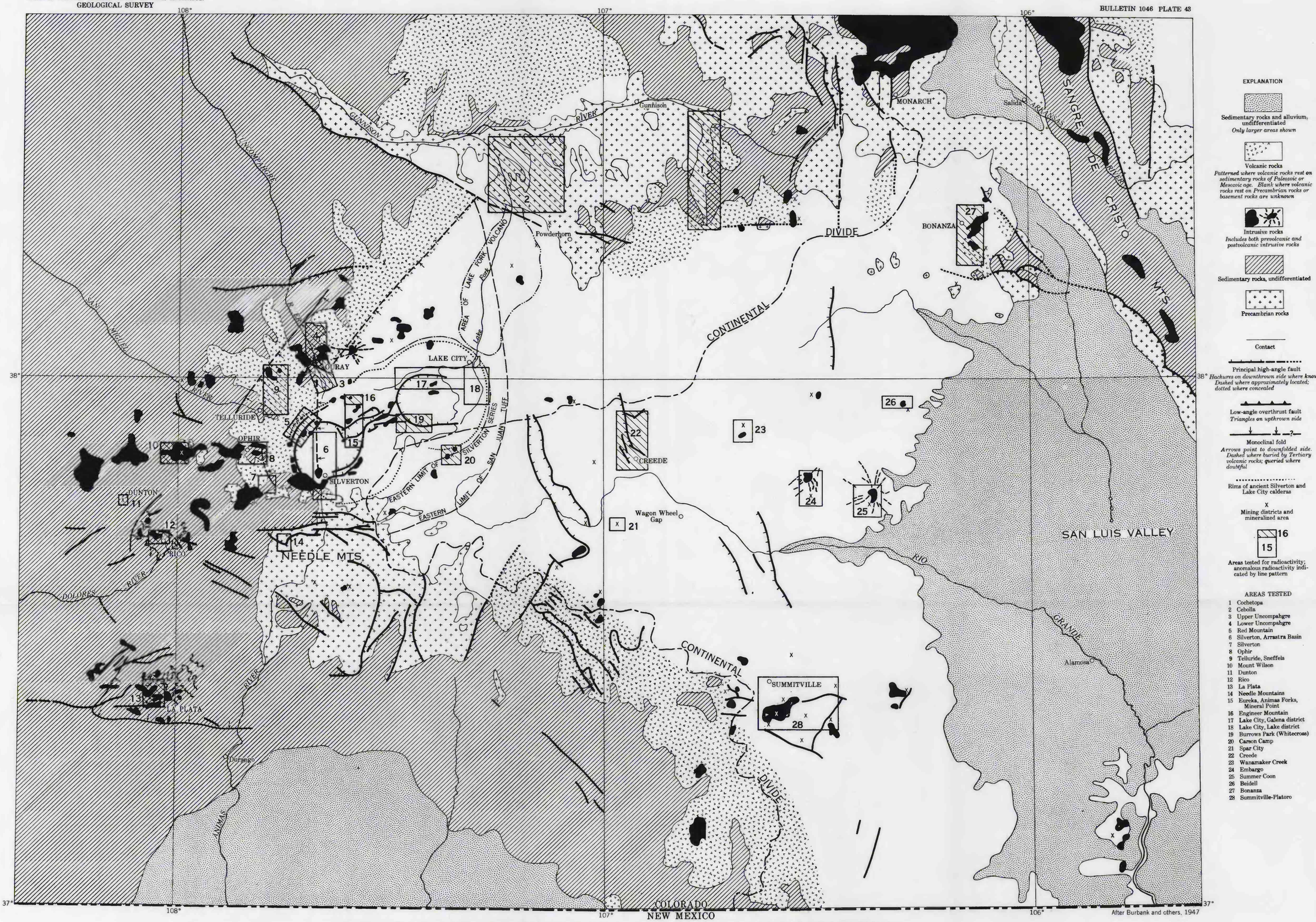

After Burbank and others, 1947

EXPLANATION

TERTIARY AND QUATERNARY

Sedimentary rocks and alluvium, undifferentiated
Only larger areas shown

TERTIARY

Volcanic rocks
Patterned where volcanic rocks rest on sedimentary rocks of Paleozoic or Mesozoic age. Blank where volcanic rocks rest on Precambrian rocks or basement rocks are unknown

Intrusive rocks
Includes both prevolcanic and postvolcanic intrusive rocks

PALEOZOIC AND MESOZOIC

Sedimentary rocks, undifferentiated

PRE-CAMBRIAN

Precambrian rocks

Contact

Principal high-angle fault
Hachures on downthrown side where known. Dashed where approximately located; dotted where concealed

Low-angle overthrust fault
Triangles on upthrown side

Monoclinal fold
Arrows point to downfolded side. Dashed where buried by Tertiary volcanic rocks; queried where doubtful

Rims of ancient Silverton and Lake City calderas

x
Mining districts and mineralized area

16
15
Areas tested for radioactivity; anomalous radioactivity indicated by line pattern

AREAS TESTED

1 Cochetopa
2 Cebolla
3 Upper Uncompahgre
4 Lower Uncompahgre
5 Red Mountain
6 Silverton, Arrastra Basin
7 Silverton
8 Ophir
9 Telluride, Sneffels
10 Mount Wilson
11 Dunton
12 Rico
13 La Plata
14 Needle Mountains
15 Eureka, Animas Forks, Mineral Point
16 Engineer Mountain
17 Lake City, Galena district
18 Lake City, Lake district
19 Burrows Park (Whitecross)
20 Carson Camp
21 Spar City
22 Creede
23 Wanamaker Creek
24 Embargo
25 Summer Coon
26 Beidell
27 Bonanza
28 Summitville-Platoro

GENERALIZED GEOLOGIC MAP SHOWING AREAS TESTED FOR RADIOACTIVITY IN THE SAN JUAN REGION, COLORADO

10 0 50 Miles

466773 O - 58 (In pocket)