GENERALIZED GEOLOGIC MAP SHOWING PRINCIPAL STRUCTURAL AREAS IN THE SAN JUAN REGION, COLORADO

10 0 50 Miles

EXPLANATION

Tertiary and Quaternary sedimentary rocks and alluvium undifferentiated
Only larger areas shown

Tertiary volcanic rocks
Light pattern indicates underlying sedimentary rocks; the remainder of the rocks are underlain by pre-Cambrian or unknown basement formations

Early and late Tertiary intrusive rocks
Prevolcanic and postvolcanic intrusive rocks not differentiated by symbols; smaller areas are shown in solid black

Paleozoic and Mesozoic sedimentary rocks undifferentiated

Pre-Cambrian rocks

Principal high-angle faults
Hachures on downthrown side where known, dashed where approximately located, dotted where concealed

Rims of ancient Silverton and Lake City calderas

Low-angle overthrust fault
Triangles on upthrown side

Monoclinal fold
Arrows point to downfolded side
Broken line where buried by Tertiary volcanic rocks

RICO
Principal town of large mining district

X³
Other mining districts and mineralized areas

LIST OF MINING DISTRICTS AND AREAS OF MINERALIZATION

(Age designations of intrusive rocks refer to classification in Bulletin 842.)

1. Indian and Trout Creek. (Center of Lake Fork Volcano)
2. Carson Camp. (Intrusive center of Sheep Mountain age)
3. Mineral and Rough Creeks. (Covered center of Fisher Age)
4. Near Piedra Peak. (Stocks of Fisher Age)
5. Spar City. (Covered center of Fisher age)
6. Wanamaker Creek. (Stocks of Conejos age)
7. Royal Park. (Intrusive rocks of Conejos age)
8. Embargo distict. (Volcanic neck and center of Conejos age)
9. Pistoro and Lake Fork districts.
10. Stunner-Gilmore districts. (Stocks of Conejos age)
11. Jasper district.
12. Axel. (Stock of Conejos age)
13. Needle and Lakespur Creeks. (Stock of granite porphyry)
14. Razor Creek. (Stock of Conejos age)
15. Crystal Hill district. (Center of Beidell intrusive rocks)
16. Summer Coon district. (Intrusive center of Conejos Age)
17. Columbia Gulch.
18. Gato Creek. (Stock of Conejos age)
19. San Luis Hills. (Stocks of Conejos age)
20. Bear Creek district.
21. Cow Creek.
22. Cimarron Creek.
23. Porphyry basin.
24. Mt. Wilson district.
25. Needle Mountains district.
26. Cebolla district.
27. Iron Hill.
28. Chance, Iris, districts.
29. Cochetopa district.
30. Cochetopa Creek. (Tungsten and mercury mineralization)

TEST AREAS OF RADIOMETRIC RECONNAISSANCE
AREA 1 TO 7