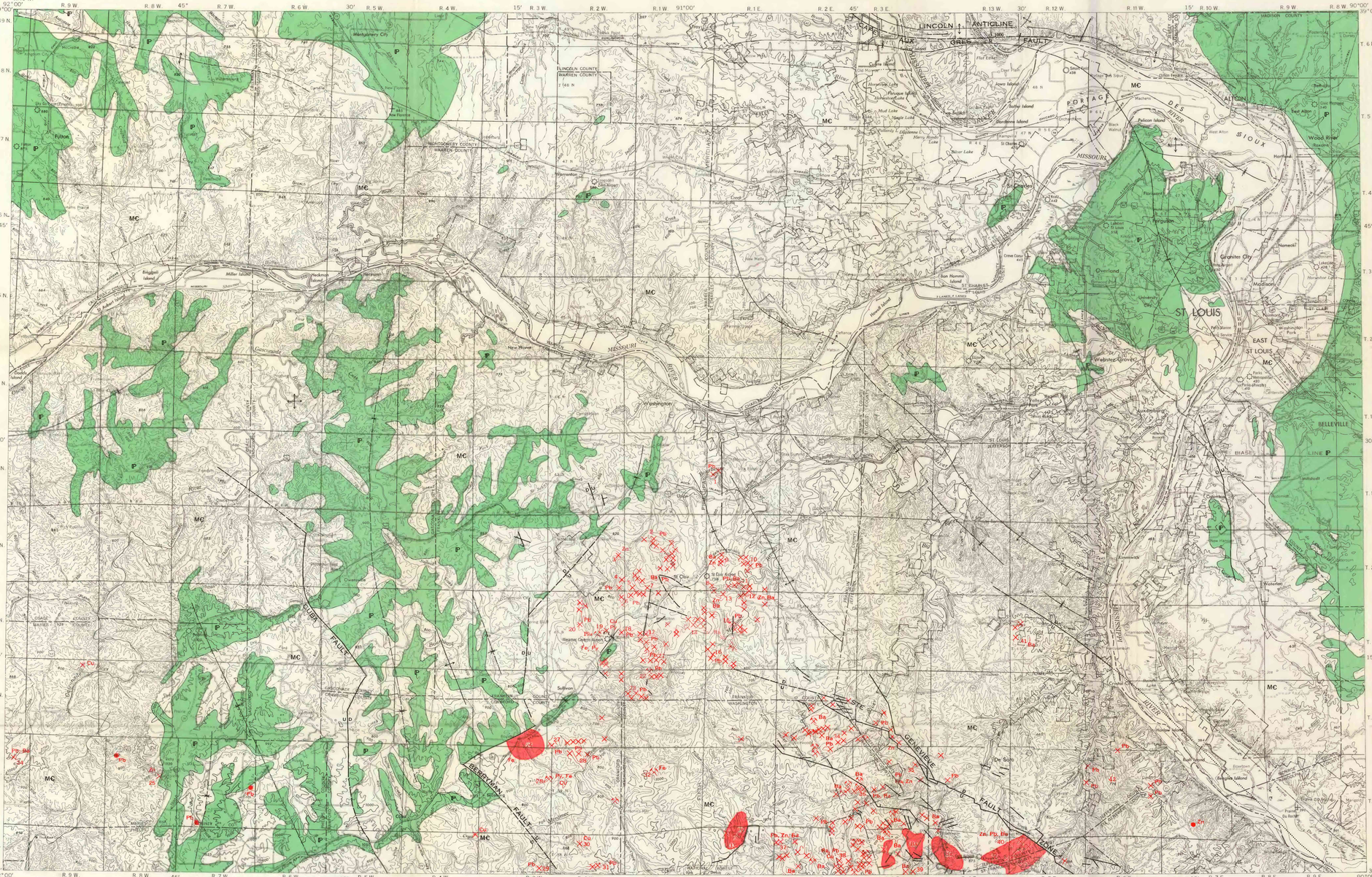

Base by U.S. Geological Survey, 1962

Compiled by Al. V. Heyl, M. R. Brock, J. L. Jolly, and C. E. Wells

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1965—G65061

GENERALIZED GEOLOGIC AND MINERAL DEPOSITS MAP OF THE ST. LOUIS QUADRANGLE, MISSOURI AND ILLINOIS

SCALE 1:250 000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

EXPLANATION

SEDIMENTARY ROCKS

P — Sandstone, shale, limestone, and coal beds — PENNSYLVANIAN, MISSISSIPPIAN — CARBONIFEROUS

MC — Limestone, dolomite, shale, and sandstone — CAMBRIAN, ORDOVICIAN — CARBONIFEROUS

Contact

U 1000 / D — Fault
Vertical displacement, in feet, shown where known. U, upthrown side; D, downthrown side. Dashed where inferred; dotted where hypothetical

Anticline
Showing crestline; dashed where inferred

Dome

Syncline
Showing troughline; dashed where inferred

Numbers with the following 4 symbols refer to list of mines and prospects

Area containing large mineral deposits

Mine

Prospect

Minor occurrence

Symbols for types of deposits:

- Pb *Lead*
- Zn *Zinc*
- Fe *Iron*
- Ba *Barite*
- Cu *Copper*
- Py *Pyrite*

Major sources of data: Bastin and others (1939); Christiansen and others (1959); Dake (1930); Emmons (1929); Fenneman (1911); Grawe (1945); Krey (1924); Mining Congress Journal (1962); Mining World (1962); Missouri Division of Geological Survey and Water Resources (1939, 1962); Rubey (1952); Tarr (1918, 1936); Weller and others (1945); Weller and St. Clair (1928); Winslow (1894, sec. 2)

LIST OF MINES AND PROSPECTS

SOUTHEAST MISSOURI DISTRICT
(NORTHERN PART) AND OUTLYING AREAS

FRANKLIN COUNTY

1. Goleonda (lead)
2. Peninsular diggings (lead)
3. Jack digging (zinc)
4. Cruz
5. Hamilton
6. Elliot
7. Shotwell (barite-lead)
8. Northumberland
9. Bart-Otto group (barite-zinc)
10. Carr-Short group
11. Silver lead mine (lead-barite)
12. Caswell, Evans, Mt. Hope group (zinc-barite)
13. Wheeler (zinc-barite)
14. Massey-Vieman group (zinc-barite)
15. Virginia (lead)
16. Petroleum, Giles, Skinner group
17. Darby
18. Wengler
19. Rueppele copper prospect (filled-sink, copper-pyrite)

19A. Rueppele (filled-sink, pyrite-iron)

20. Lotta (lead)
21. Harrington group
22. Thomas (old Spanish mine) group
23. Silver Hollow group

MARIES COUNTY

24. Williams (lead-barite)
25. Future (zinc)

CRAWFORD COUNTY

26. Bourbon area (iron)
27. Carter and Williams
28. Rich Hill-Mineral Hill-Sappington group (lead)

28A. Hobo-Bives Copper (filled-sink, pyrite-iron-copper)

29. Lockhart (lead)
30. Hinch (copper)
31. Ramsey diggings (lead)

WASHINGTON COUNTY

32. Pea Ridge (iron)
33. Indian Creek (lead)
34. Richwoods-French diggings group (lead-barite)
35. Lee Mine group (lead-zinc-barite)
36. Kingston mines group (lead-barite)
37. Mine Renault group (lead-zinc-barite)
38. Old Mines group (barite-lead, little copper)
39. Tiff group (barite)

JEFFERSON COUNTY

40. Valle mines (lead, zinc, barite)
41. Sandy group (barite)
42. Plattin Creek mines (lead)