EXPLANATION

Ag Silver
Au Gold
Ba Barite
Bk Baked zone: limestone conglomerate
Bsk Baked zone: shale, siltstone, and sandstone
Bsk1 Baked zone: shale, siltstone, sandstone, and limestone conglomerate
Cu Copper minerals, mainly malachite, chrysocolla, and azurite
Db Diabase
Hg Cinnabar
Hm Specular hematite
Lin Limonite (ocher)
Fyr Pyroclastics and basalt

Jurassic or Triassic

Triassic

Newark Series: Shale, siltstone, sandstone, and conglomerate. Locally includes basalt.

Contact, approximately located

Fault, inferred

Localities

Montgomery County
1. Dickerson quarries (loc. 30)°
2. Sugarland copper mine (loc. 29)
3. Lewesville gold occurrence (loc. 27)
4. Seneca Creek cinamon occurrence (loc. 28)

Fairfax County
5. Theodore copper mine (loc. 1)
6. Chantilly copper prospect (loc. 7)
7. Chantilly copper occurrence (loc. 6)
8. Pender specular hematite occurrence (loc. 8)
9. Spencer Farm copper prospect
10. Centreville quarry (loc. 2)
11. Bull Run gold occurrence (loc. 4)

Fauquier County
12. Saint Stephens barite mine (loc. 1)
13. Cedar Run barite mine (loc. 2)
14. Bets barite prospect

Loudoun County
15. Leesburg Lime Company, Inc. quarry (loc. 11)
16. White quarry (loc. 10)
17. Goose Creek copper mines (loc. 8)
18. State roads quarry (loc. 7)
19. Virginia Trap Rock quarry (loc. 6)
20. Old Goose Creek quarry (loc. 5)
21. New Goose Creek quarry (loc. 4)
22. Other prospect (loc. 16)
23. Veano quarry (loc. 13)
24. Evergreen Mills exposure (loc. 9)
25. Sterling specular hematite occurrence (loc. 17)
26. Sterling copper and silver occurrence (loc. 19)
27. Sterling copper and fossil occurrence (loc. 18)
28. Loudoun quarry (loc. 3)
29. Chantilly quarry (loc. 2)
30. Bull Run quarry (loc. 1)

Prince William County
31. Gainesville quarry (loc. 10)
32. Manassas quarry (loc. 11)
33. Brentsville copper prospect (loc. 3)

°Locality number used in Plate 1 and in the text.

MAP SHOWING MINERAL DEPOSITS AND GENERALIZED GEOLOGY OF THE TRIASSIC ROCKS NEAR WASHINGTON, D.C.

by

Lawrence R. Bernstein

Scale 1:250,000