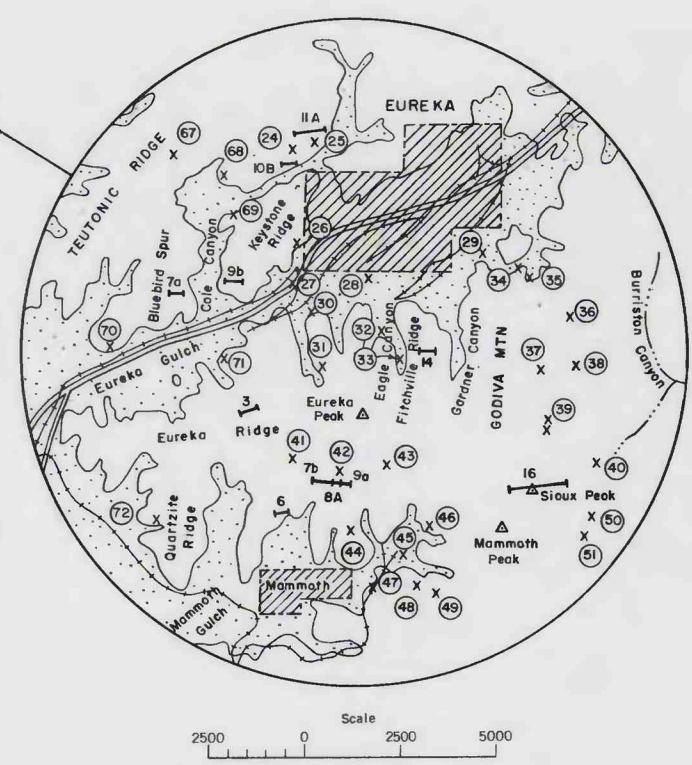


List of principal mines, quarries, and prospects

- Fivemile Pass quadrangle**
1. Interstate Brick Co. clay pits and mine
 2. Utah Fire Clay Co. clay pits and mine
 3. Kenner prospect
 4. United States Smelting and Refining Co. quarry
 5. American Smelting and Refining Co. quarry
- Boulder Peak quadrangle**
6. Scranton group of mines (Del Monte, Magazine, Essex, and South Essex adits)
 7. Hot Shaft prospect
 8. New Bullion mine
- Allens Ranch quadrangle**
9. Lehi Tintic mine (main adit)
 10. Tintic Paymaster mine (No. 1 shaft)
 11. Selma mine
 12. Tintic Davis prospect (North shaft)
- Eureka quadrangle**
13. North Standard mine
 14. Water Lily mine
 15. Chief limestone quarry
 16. Copper Leaf mine
 17. North Lily mine
 18. Tintic Standard mine (No. 2 shaft)
 19. Eureka Lilly mine
 20. Apex Standard mine (No. 2 shaft)
 21. Eureka Standard mine
 22. Iron King mine (No. 2 shaft)
 23. Zuma mine
 24. Raymond-Illinois mine
 25. Colorado Chief mine
 26. Gemini mine
 27. Bullion Beck mine
 28. Chief Consolidated mine (No. 1 shaft)
 29. Plutus mine (Tetro shaft)
 30. Eureka Hill mine
 31. Centennial Eureka mine
 32. Eagle and Bluebell mine
 33. Victoria mine
 34. Godiva mine (shaft)
 35. May Day mine (shaft)
 36. Yankee mine (shaft)
 37. Humbug tunnels
 38. Beck Tunnel mine (No. 2 shaft)
 39. Salvador and Utah mines
 40. Colorado mine (No. 1 shaft)
 41. Herkimer shaft
 42. Opex mine
 43. Grand Central mine
 44. Emerald mine
 45. Sioux-Ajax tunnel
 46. Mammoth mine (shaft)
 47. Lower Mammoth mine
 48. Gold Chain (Ajax) shaft (mine)
 49. Ophongia mine
 50. Sioux Consolidated mine (shaft)
 51. Iron Blossom mine (No. 3 shaft)
 52. Crown Point mine (No. 3 shaft)
 53. Dragon mine
 54. Alaska mine
 55. Sunbeam mine
 56. Treasure Hill mine
 57. Shoebridge Bonanza mine
 58. Laclede mine
 59. Burgin mine
- Tintic Junction quadrangle**
60. Balhinch mine
 61. Tintic Prince mine
 62. Van Wagner prospect
 63. Waveland prospect
 64. Fields prospect
 65. Bladley mine
 66. Victoria Northwest mine
 67. North Beck mine
 68. Dagmar mine
 69. Black Warrior prospect
 70. Sacramento mine
 71. Garity quarry
 72. Evans mine
 73. Golden Sunset mine (adit)
 74. Swansea mine
- Tintic Mountain quadrangle**
75. Buckeye mine
 76. Old Susan mine
 77. Tintic Chief prospect



EXPLANATION

- Outline of consolidated rocks (blank). Stippled area is overlapping edge of unconsolidated deposits of Quaternary age
- Mine, quarry, or prospect
- Location of measured section
- Full sections measured in two different localities
- 9a-9b Partial sections (members) measured in different localities
- 1. Big Cottonwood formation
- 2a. Tintic quartzite (lower part)
- 2b. Tintic quartzite (upper part)
- 3. Teutonic limestone
- 4. Dagmar dolomite
- 5. Herkimer limestone
- 6. Bluebird dolomite
- 7a. Coke Canyon dolomite (lower part)
- 7b. Coke Canyon dolomite (upper part)
- 8A-8B. Opex formation (two localities)
- 9a. Ajax dolomite (lower and Emerald members)
- 9b. Ajax dolomite (upper member)
- 10A-10B. Fish Haven dolomite (two localities)
- 11A-11B. Bluebell dolomite (two localities)
- 12. Victoria formation
- 13A-13B. Pinyon Peak limestone (two localities)
- 14. Fitchville formation
- 15. Garlison limestone
- 16. Deseret limestone
- 17. Humbug formation
- 18a. Great Blue formation, Toplift limestone member
- 18b. Great Blue formation, Paymaster member
- 18c. Great Blue formation, Chulos member
- 19. Diamond Creek(?) sandstone
- 20. Park City and Phosphoria formations

Base north of 39°45' and east of 112°15' from U. S. Geological Survey topographic maps. Base south of 39°45' and west of 112°00' from F. W. A. Utah Transportation Maps (1941) and aerial photographs.

INDEX MAP OF EAST TINTIC MOUNTAINS AND BORDERING AREAS SHOWING LOCATION OF MEASURED STRATIGRAPHIC SECTIONS AND MINES

