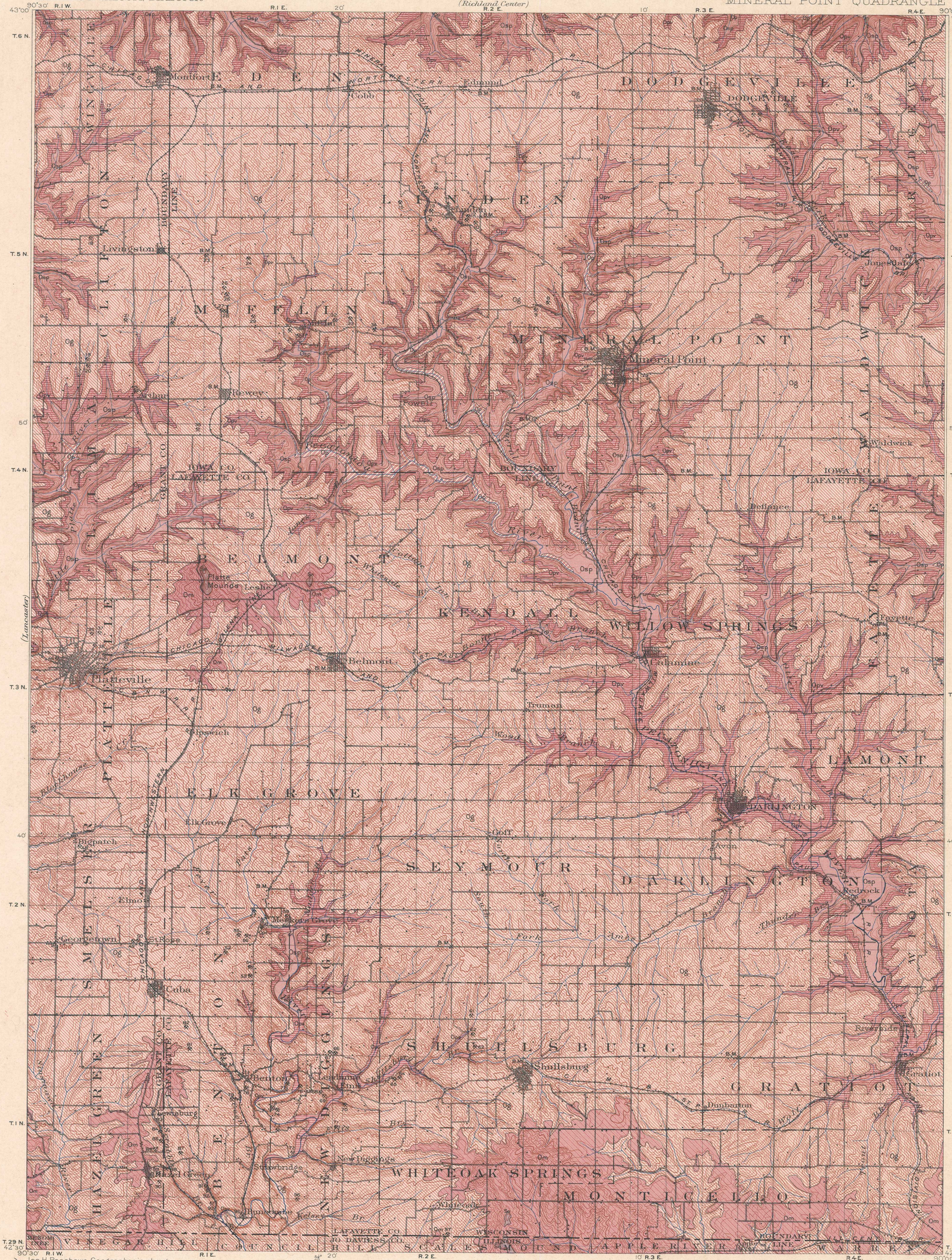
U. S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

AREAL GEOLOGY

(Richland Center)

WISCONSIN-ILLINOIS
MINERAL POINT QUADRANGLE



LEGEND

SEDIMENTARY ROCKS

(Areas of subaqueous deposits are shown by patterns of parallel lines, subaerial deposits by patterns of dots and circles)

SILURIAN

Sn — **Niagara formation**
(light-buff to gray, thin- to thick-bedded dolomite with chert nodules)

ORDOVICIAN

Om — **Maquoketa shale**
(green to blue shale and clay, with thin beds of earthy limestone)

Og — **Galena limestone**
(coarse-grained, thick-bedded, gray dolomite; middle portion with chert nodules; lower part locally thin-bedded limestone)

UNCONFORMITY ?

Opv — **Platteville limestone**
(thin-bedded limestone, with thicker magnesian beds in lower part, and some shale in upper part)

Osp — **St. Peter sandstone**
(white, or iron-stained, massive sandstone, usually poorly cemented.)

UNCONFORMITY

Op — **Prairie du Chien formation**
(thin- to thick-bedded dolomite with some sandstone and chert in upper part)

⚒ *Zinc and lead mines*

Note: *Zinc and lead ores occur throughout the Galena dolomite but more commonly near the base.*

NAMES OF MINES.

Location indicated on the map by numbers.

1. Hartford.
2. Williams.
3. Snowball.
4. Oxman.
5. Tyrer.
6. McKinley.
7. Pengelly.
8. Tripoli.
9. Hazel Patch.
10. Ross.
11. Glanville.
12. Milwaukee-Platteville.
13. Mason.
14. Robarts.
15. Platteville-Linden.
16. Montfort Mining Company.
17. Johns.
18. Famous.
19. Washburn.
20. LaFollette.
21. Bourette.
22. Ebenezer.
23. Ludd.
24. Dolphin.
25. Bickford.
26. Ellsworth.
27. Sunrise.
28. Sunset.
29. Bainbridge.
30. Gruno.
31. Penitentiary.
32. Slack.
33. Peacock.
34. Squirrel.
35. Crescent.
36. Trego.
37. Great Northern.
38. Hibernian.
39. Acme.
40. Grant County.
41. Empire.
42. Enterprise.
43. West Empire.
44. Hodge.
45. Morning Star.
46. Oudyn.
47. Kohinoor-Blende.
48. Black Hawk.
49. Wicklow.
50. Jarrett.
51. Cuba City.
52. Baxter.
53. Rico.
54. Roosevelt.
55. Gritty Six
56. Raisbeck.
57. Meekers Grove.
58. Trego.
59. Dall.
60. Cook.
61. Lucky Hit.
62. Hardy Brothers.
63. Murphy.
64. Expansion.
65. Helena.
66. Etna.
67. Benton Development Company.
68. Benton Star.
69. Jug Handle.
70. Empress.
71. Sallie Waters.
72. Jack of Diamonds.
73. Ollie Belle.
74. Ida.
75. Blende.
76. Swift and Rooney.
77. Coltman.
78. Century.
79. Dawson.
80. Temple.
81. Beacon Hill.
82. Only Wann.
83. Jefferson.
84. Hazel Green.
85. King Bee.
86. Sixteen.
87. Murphy.
88. Square Deal.
89. Honest Bob.
90. Madison.
91. Hoskin.
92. Kennedy.
93. Big Dad.
94. Tunnel Hill.
95. Rowley.
96. Occidental.
97. Vista Grande.

(Prosser)

Jno. H. Renshawe, Geographer in charge.
Control by U. S. Coast and Geodetic Survey and U. S. Lake Survey.
Topography by R. C. McKinney and Wisconsin Geological and Natural History Survey.
Surveyed in 1900, 1903, and 1904.

APPROXIMATE MEAN DECLINATION 1902.

Scale 1/125000
1 0 1 2 3 4 5 Miles
1 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

Edition of Dec. 1906.

DIAGRAM OF TOWNSHIP

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

Index to location of mines.

Geology by U. S. Grant, A. F. Crider, and Wisconsin Geological and Natural History Survey.
Surveyed in 1903 and 1904.