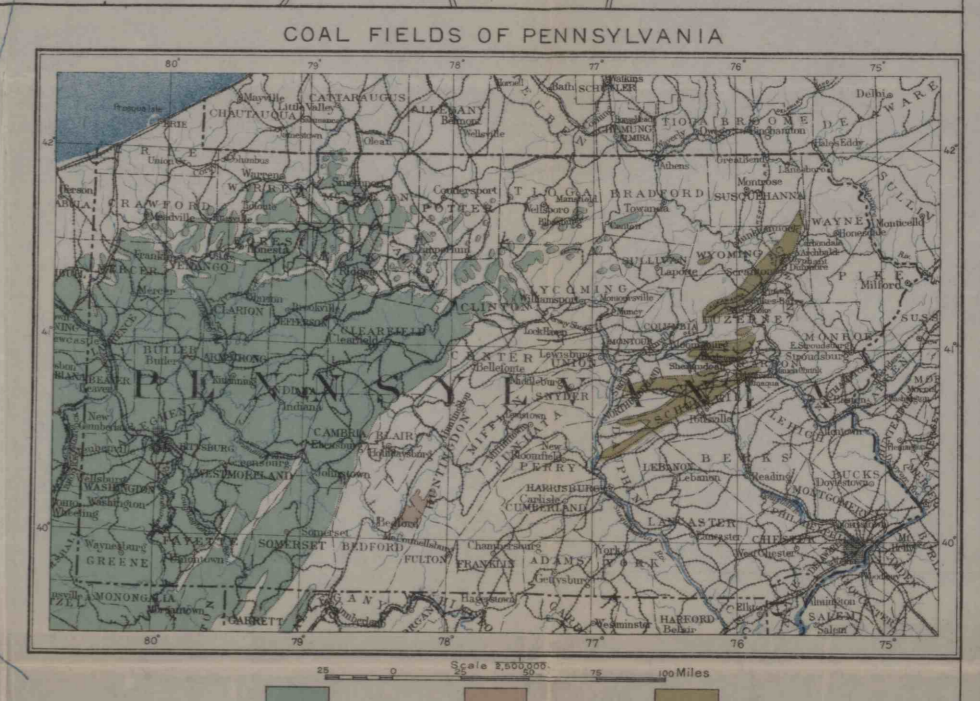


LIST OF NUMBERED MINES ON MAP.

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|-----|------------------------------------------|------|-----------------------------------------------|
| No. | Mine. | No. | Mine. |
| 1. | GORDON MINE. | 71. | KEMMAR MINE. |
| 2. | OLD CUMBERLAND MINE. | 72. | DUVAL SLOPE. |
| 3. | OLD PROSPECT MINE. | 73. | OLD DUVAL SHAFT. |
| 4. | MILLER MINES; FULTON NO. 1. | 74. | WELTON MINE AND CUNARD SHAFT. |
| 5. | MILLER MINES; FULTON NO. 2. | 75. | ILLIHO MINE; NO. 1. |
| 6. | MILLER MINES; BARNETT NO. 1. | 76. | MILLER MINE; NO. 4. |
| 7. | MILLER MINES; BARNETT NO. 2. | 77. | CRESCENT MINE; NO. 5. |
| 8. | OLD ROSE MINE. | 78. | LADYSMITH MINE; NO. 1. |
| 9. | MELROSE MINES; NO. 2. | 79. | LADYSMITH MINE; NO. 5. |
| 10. | MELROSE MINES; MITCHELL. | 80. | CRESCENT MINE; NO. 2. |
| 11. | MELROSE MINES; NO. 1. | 81. | CRESCENT MINE; NO. 3. |
| 12. | BENEDICT MINES; HOLYHOOD. | 82. | CRESCENT MINE; NO. 7. |
| 13. | BENEDICT MINES; RED ASH. | 83. | OLD SCOTT SHAFT. |
| 14. | BENEDICT MINES; BARNETT NO. 1. | 84. | DELAWARE MINE; NO. 1. |
| 15. | BENEDICT MINES; GOGOGO. | 85. | DELAWARE MINE; NO. 2. |
| 16. | BENEDICT MINES; FULTON NO. 1. | 86. | DELAWARE MINE; NO. 3. |
| 17. | BENEDICT MINES; BARNETT NO. 2. | 87. | HIGHLAND MINE; NO. 1. |
| 18. | BENEDICT MINES; BARNETT NO. 3. | 88. | ADDITIONAL HIGHLAND MINE OPENINGS. |
| 19. | OLD HICKAS MINE. | 89. | HIGHLAND MINE; NO. 2. |
| 20. | OLD HICKAS MINE. | 90. | TIE OLD HIE HIE MINE. |
| 21. | OLD CLIFF MINE. | 91. | GATES MINE. |
| 22. | OLD MCGARTH MINE. | 92. | BACON MINE; NO. 1. |
| 23. | OLD BARNETT MINE; FULTON. | 93. | BACON MINE; NO. 2. |
| 24. | OLD BARNETT MINE; BARNETT. | 94. | OLD COVA MINE. |
| 25. | OLD WOOD & BACON SLOPE. | 95. | BARLE MINE; NO. 1. |
| 26. | OLD OCEAN MINE; NO. 1. | 96. | COVA MINE. |
| 27. | OLD OCEAN MINE; NO. 2. | 97. | FRANTY MINE. |
| 28. | OLD OCEAN MINE; NO. 3. | 98. | SHREVEYS RUN MINE; PLANE. |
| 29. | OLD OCEAN MINE; NO. 4. | 99. | SHREVEYS RUN MINE; NEW PLANE ROCK ADIT. |
| 30. | MARATHA MINE; NO. 1. | 100. | ALBERT FIGARD MINE. |
| 31. | OCEAN MINE; NO. 2. | 101. | CAMBRIA MINE; NO. 1. |
| 32. | OLD HOVE MINE. | 102. | OLD ZETI & DODSON MINE; KELLY. |
| 33. | OLD OCEAN MINE; NO. 1. | 103. | OLD ZETI & DODSON MINE; ROCK ADIT TO KELLY. |
| 34. | MARATHA MINE; NO. 2. | 104. | OLD ZETI & DODSON MINE; ROCK ADIT TO BARNETT. |
| 35. | MOOREDALE MINE. | 105. | A. SANWAY TO CAMBRIA MINE; NO. 1. |
| 36. | MARATHA MINE; NO. 3. | 106. | B. OLD SLOPE TO CAMBRIA MINE; NO. 1. |
| 37. | MARATHA MINE; NO. 4. | 107. | CAMBRIA MINE; NO. 2. |
| 38. | TIERANK MINE. | 108. | OLD CRESCENT MINE. |
| 39. | MARSHLEY MINE. | 109. | OLD CHEVINGTON MINE; NO. 4. |
| 40. | FISHER MINE. | 110. | NEW CHEVINGTON MINE. |
| 41. | FISHER MINE. | 111. | CAMBRIA MINE; NO. 1. |
| 42. | BLACK MINE; NO. 1. | 112. | OLD CUMBERLAND MINE. |
| 43. | OLD BLACK MINE. | 113. | CHEVINGTON MINE; NO. 1. |
| 44. | OLD BLACK MINE. | 114. | GLENDALE MINE; NO. 1. |
| 45. | OLD GORDON MINE. | 115. | GLENDALE MINE; NO. 2. |
| 46. | LITTLE GORDON MINE. | 116. | GLENDALE MINE; NO. 3. |
| 47. | CARBON MINE; NO. 1. | 117. | GLENDALE MINE; NO. 4. |
| 48. | CARBON MINE; NO. 2. | 118. | GLENDALE MINE; NO. 5. |
| 49. | CARBON MINE; NO. 3. | 119. | KEARNEY MINE; KELLY. |
| 50. | CARBON MINE; NO. 4. | 120. | KEARNEY MINE; BARNETT. |
| 51. | OLD BEAR MINE. | 121. | KEARNEY MINE; NEW BARNETT. |
| 52. | SLOPE TO OLD BEARS WORKINGS. | 122. | FLANAGAN MINE. |
| 53. | ROBERTSDALE; SLOPE TO FULTON & BARNETT. | 123. | ALICE MINE; NO. 1. |
| 54. | ROBERTSDALE MINE; NO. 1. | 124. | ALICE MINE; NO. 2. |
| 55. | ROBERTSDALE MINE; NO. 2. | 125. | ALICE MINE; NO. 3. |
| 56. | ROBERTSDALE MINE; NO. 3. | 126. | ALICE MINE; NO. 4. |
| 57. | WOODDALE SHAFT. | 127. | PUTE MINE. |
| 58. | WILLIAM ALLOWAY MINE. | 128. | OLD NEW YORK MINE. |
| 59. | OLD HAMILTON & HORTON MINE. | 129. | KELLY PROSPECT SOUTH OF COALMONT. |
| 60. | OLD MCLEAN MINE. | 130. | OLD PROSPECT MINE. |
| 61. | A. J. WISHART MINE. | 131. | A. J. HICKAS MINE. |
| 62. | MT. EQUITY MINE; NO. 1. | 132. | OLD DANBERRY MINE. |
| 63. | MT. EQUITY MINE; NO. 2. | 133. | POSSUM HOLLOW; STARK NO. 1. |
| 64. | MT. EQUITY MINE; NO. 3. | 134. | POSSUM HOLLOW; STARK NO. 2. |
| 65. | ROCK BAR MINE; BARNETT. | 135. | WDA'S HILL MINE. |
| 66. | ROCK BAR MINE; KELLY. | 136. | JACOBS MINE; FULTON. |
| 67. | JUDITH MINE. | 137. | JACOBS MINE; BARNETT. |
| 68. | OLD PARROT MINE. | 138. | OLD MARTIN MINE. |
| 69. | DURHAM MINE; NO. 1. | 139. | MANHATTAN PROSPECTS ON MILLER'S RUN. |
| 70. | YANKEE GIRL OPENING TO DUVAL SLOPE MINE. | 140. | AFRICA PROSPECTS ON MILLER'S RUN. |
| | | 141. | FOSTER MINE. |



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 RICHARD R. HICE, STATE GEOLOGIST
GEOLOGY OF
THE BROAD TOP COAL FIELD
 BEDFORD, FULTON, AND HUNTINGDON COUNTIES
 BY JAMES H. GARDNER

GEOLOGIC LEGEND

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SYMBOLS USED

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Scale
 1 inch = 2000 feet