EXPLANATION

SEDIMENTARY ROCKS

QUATERNARY

- Qal — Alluvium

CARBONIFEROUS (Mississippian)

- Cbm — Batesville sandstone and Moorefield shale
- Cbc — Boone chert

UNCONFORMITY

DEVONIAN

- Oj — Chattanooga shale (Exposed only near Pfeiffer)

UNCONFORMITY

- Op — Penters chert (exposed only near Penters Bluff, Walls Ferry, and Pfeiffer)

UNCONFORMITY

SILURIAN

- Ssc — Lafferty limestone (exposed only 1¼ miles north of Penters Bluff)
- Ssc — St. Clair limestone

UNCONFORMITY

ORDOVICIAN

- Oc — Cason shale

UNCONFORMITY

- Of — Fernvale limestone

UNCONFORMITY

- Ok — Kimmswick limestone

UNCONFORMITY

- Op — Plattin limestone

UNCONFORMITY

- Oj — Joachim limestone
- Osp — St. Peter sandstone and older rocks

Fault

Manganese mine

Manganese prospect

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

LIST OF MINES AND PROSPECTS.

SHARP COUNTY.

1. McLeod prospect.
2. Cochran prospect.
3. M. A. Aldridge prospect.
4. K. D. Aldridge prospect.
5. Matlock mine.
6. Story mine.

INDEPENDENCE COUNTY.

7. Jackson prospect.
8. Woodyard prospect.
9. Ball mine.
10. Milligan prospect.
11. Eliza Patterson prospect.
12. Milligan-Perrin prospect.
13. Schlieper mine.
14. Ozark mine.
15. Searcy mine.
16. Matheny mine.
17. Dunegan prospect.
18. Bales mine.
19. Moyer mine.
20. Silberstein prospect.
21. J. A. Reves mine.
22. Henley mine.
23. G. A. Wilson mine.
24. M. W. Reves prospect.
25. G. D. Reves tract.
26. Oliver Iron Mining Co.'s prospect.
27. Martha Thompson mine.
28. Climer prospect.
29. Walter Chinn prospects.
30. O'Flinn prospect.
31. Walbert mine.
32. Adler mine.
33. W. A. Chinn cut.
34. A. R. Chinn prospect.
35. Baxter prospects
36. Collins prospect.
37. Burge mine.
38. Rutherford mine.
39. Cason mine.
40. Champlain prospect.
41. J. W. Greenfield prospect.
42. Weaver-Dowdy prospect.
43. W. L. Greenfield mine.
44. Simmons prospect.
45. Allen mine.
46. Roberts mine.
47. Denner prospect.
48. Button mine.
49. W. W. Allen mine.
50. Criswell prospect.
51. Shaw mine.
52. Waco prospect.
53. Denison mine.
54. Marshall mine.
55. R. T. Patterson mine.
56. John Patterson prospect.
57. G. W. W. Patterson prospect.
58. Bell Hill prospect.
59. Perrin mine.
60. Kelley prospect.
61. Haigwood prospect
62. J. B. Thompson prospect.
63. Wildcat mine.
64. Hunt Hollow mine.
65. Smith prospect.
66. McGee mine.
67. A. G. Gray mine.
68. W. T. Gray mine.
69. United States-Canadian Manganese Co.'s prospect.
70. E. W. Roach prospect.
71. Hawkins mine.
72. Jeff Weaver prospect.
73. Chapel Hill mine.
74. Pool prospect.
75. Adler-Southard mine.
76. Roach mine.
77. Montgomery mine.
78. Montgomery Hill mine
79. Sis Clark mine.
80. Sis Clark Corner prospect.
81. Galloway mine.
82. Dead Tree Hill prospect
83. Barnett mine.
84. Montgomery prospect.
85. Reed mine
86. C. C. Johnson prospect.
87. Pritchett prospect.
88. Fortune prospect.
89. Brooks Hill mine.
90. Shell mine.
91. Kimmer mine.
92. Roseborough mine.
93. C. W. Maxfield prospect.
94. Rowe Field mine.
95. Blue Ridge mine.
96. Southern mine.
97. Grubb Cut mine.
98. Rogers mine.
99. Polk Southard mine.
100. Wren mine.
101. Turner mine.
102. Lassiter mine.
103. Cripple Hill prospect.
104. Maxfield prospect.
105. Section 34 prospect.
106. Friday prospect.
107. Simpson prospect.
108. Helms prospect.
109. Mount Etna mine.
110. J. R. Dobson prospect.
111. J. P. Barnes prospect.
112. Wolford mine.
113. Neill prospect.
114. Calaway prospect.
115. Sterrett mine.
116. Sanders prospect.
117. Miller prospect.
118. W. L. Johnson prospect.
119. Bob Wilson prospect.
120. Page mine.
121. Club House mine.
122. Felts prospect.
123. Section 8 prospect.
124. Meeker mine.
125. R. W. Reeves prospect.
126. Jake Cole prospect.
127. Sand Field prospect.
128. Tosh Hill prospect.
129. Frazier prospect.
130. Hightower prospect.
131. F. M. Barnes prospect.
132. W. C. Collie mine.
133. George mine.
134. S. W. Weaver mine.
135. Martin No. 1 mine.
136. Martin No. 2 mine.
137. Button prospect.
138. Kimbrough mine.
139. McBride mine.
140. Harvey mine.
141. South Hill prospect.
142. U. N. Dobson prospect.
143. T. M. Tate mine.
144. Hankins Hollow mine.
145. Salt Peter Hill mine.
146. Edwards mine.
147. Ellen Clark prospect.
148. Cutter mine.

IZARD COUNTY.

149. Adler Hollow mine.
150. Izard mine.
151. Pugh mine.
152. Verna mine.
153. Skelton Hill mine.
154. Pittman mines.
155. Cummins Hollow mine.
156. Johnson Hill mine.
157. Skelton-Handford prospect.
158. United Phosphate & Chemical Co.'s mine.
159. Breeden prospect.
160. Shaft Hill mine.
161. United Phosphate & Chemical Co.'s prospect.
162. Love prospect.
163. Williamson-Gulley prospect.
164. H. M. Tate prospect.
165. W. K. Tate prospect.
166. Helm prospect.
167. E. D. Winkle prospect.
168. C. L. Sanders prospect.
169. Sand Field mine.
170. Manganese Field mine.
171. Ruminer Rough mine.
172. Barksdale mine.
173. Earl Collie mine.
174. Caraway prospect.
175. L. J. Weaver mine.
176. Lewis prospect.
177. Cave Hill mine.
178. T. C. Winkle prospect.
179. H. J. Ray prospect.
180. M. E. Wilson prospect.
181. Bevans prospect.
182. McConnell mine.
183. Klondike mine.
184. Haddock prospect.
185. Moser prospect.
186. L. B. Ray prospect.
187. Hall prospect.
188. O'Gilsby prospect.
189. Anderson prospect.
190. Rudolph prospect.
191. Bone prospect.
192. Henry King prospect.
193. Hollawell prospect
194. E. Winkle prospect.
195. W. A. King mine.

STONE COUNTY.

196. G. F. Fults prospect.
197. A. T. Foster prospect.
198. Alex. Fults prospect.

Base from U. S. Geological Survey topographic map of Batesville quadrangle

GEOLOGIC MAP OF THE BATESVILLE DISTRICT, ARKANSAS

Scale $\frac{1}{62,500}$

1 0 1 2 3 4 Miles

Contour interval 50 feet

Datum is mean sea level

1922

Geology by H. D. Miser. The geologic mapping in Stone County and the mapping of the Batesville sandstone and Moorefield shale are partly taken from maps in vols. 1 and 4 of the Arkansas Geological Survey annual report for 1890

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