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DEPARTMENT OF THE INTERIOR

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PAMPHLET

MINES, PROSPECTS, AND OCCURRENCES OF METALLIC MINERALS

IN THE ROLLA 1° x 2° QUADRANGLE, MISSOURI

By

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Table 1.--Location and reference information for mines and prospects of lead, copper, zinc, silver, cobalt, and nickel,
and barite in sedimentary rocks in the Rolla 1°x 2° quadrangle, Missouri

Map No.	Name	Location	County	Commodities	Reference	Comments
1	Prospect-----	Sec. 10, T. 37 N., R. 9 W.	Phelps	Pb	Heyl and others, 1965	
2	---do-----	Sec. 29, T. 37 N., R. 9 W.	---do-----	Zn	Heyl and others, 1965; Missouri Division of Geological Survey file data.	
3	---do-----	Sec. 23, T. 37 N., R. 9 W.	---do-----	Pb, Ba, Zn	Heyl and others, 1965; Lee, 1913, p. 100.	
4	Niles mine-----	NW 1/4 SE 1/4, sec. 33, T. 37 N., R. 9 W.	---do-----	Pb, Zn	Missouri Division of Geolog- ical Survey file data, 1981; Heyl and others, 1965; Lee, 1913, p. 99.	
5	Prospect-----	Sec. 27, T. 37 N., R. 9 W.	---do-----	Zn	Heyl and others, 1965	
6	---do-----	Sec. 3, T. 36 N., R. 9 W.	---do-----	Zn	Heyl and others, 1965; Lee, 1913, p. 100.	
7	---do-----	Sec. 10, T. 36 N., R. 9 W.	---do-----	Zn	Do.	
8	---do-----	Sec. 36, T. 37 N., R. 9 W.	---do-----	Pb	Heyl and others, 1965; Missouri Bureau of Geology and Mines, 42nd Biennial Report, 1903.	
9	---do-----	Sec. 27, T. 37 N., R. 8 W.	---do-----	Pb	Missouri Division of Geo- logical Survey file data, 1981.	
10	---do-----	Sec. 31, T. 37 N., R. 8 W.	---do-----	Pb	Heyl and others, 1965	
11	---do-----	Sec. 15, T. 36 N., R. 9 W.	---do-----	Pb	Heyl and others, 1965; Lee, 1913, p. 99.	
12	---do-----	Sec. 19, T. 36 N., R. 8 W.	---do-----	Pb	Heyl and others, 1965; Winslow, 1894, p. 723.	
13	---do-----	Sec. 35, T. 36 N., R. 9 W.	---do-----	Pb	Do.	
14	---do-----	Sec. 36, T. 36 N., R. 8 W.	---do-----	Pb	Heyl and others, 1965	
15	---do-----	Sec. 19, T. 36 N., R. 4 W.	Crawford	Pb	Heyl and others, 1965; Winslow, 1894, p. 685.	
16	Arthur mines----	Sec. 17 and 18, T. 36 N., R. 4 W.	---do-----	Pb, Zn, Ba	---do-----	Produced 65 tons Pb ore.
17	Prospect-----	Sec. 19, T. 36 N., R. 4 W.	---do-----	Pb	Heyl and others, 1965	
18	---do-----	Sec. 19, T. 36 N., R. 4 W.	---do-----	Pb	Do.	
19	---do-----	Sec. 17, T. 36 N., R. 4 W.	---do-----	Pb	Do.	
20	---do-----	Sec. 25, T. 36 N., R. 4 W.	---do-----	Pb	Do.	
21	---do-----	Sec. 10, T. 36 N., R. 3 W.	---do-----	Pb, Ba	Heyl and others, 1965; Winslow, 1894, p. 685.	
22	Cole lead mine---	Sec. 34, T. 36 N., R. 3 W.	---do-----	Pb	---do-----	Produced 100 tons Pb ore.
23	Green's Hill mine	Sec. 6, T. 36 N., R. 2 W.	---do-----	Pb	Winslow, 1894, p. 685	Produced 55 tons Pb ore.
24	Mine-----	Sec. 8, T. 36 N., R. 2 W.	---do-----	Pb	Heyl and others, 1965	
25	Stanford mine----	Sec. 8, T. 36 N., R. 2 W.	---do-----	Pb	Winslow, 1894, p. 685	Produced 5 tons.

Table 1.--Location and reference information for mines and prospects of lead, copper, zinc, silver, cobalt, and nickel, and barite in sedimentary rocks in the Rolla 1°x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
26	Fort mine-----	Sec. 29, T. 38 N., R. 2 W.	Crawford	Pb, Zn	Heyl and others, 1965	Produced 150 tons of Pb ore and an unknown amount of Zn ore.
27	Harman mines-----	Sec. 21, T. 38 N., R. 2 W.	----do-----	Pb	Heyl and others, 1965; Missouri Division of Geological Survey file data, 1981.	Produced 50 tons of Pb ore.
28	Kings mine-----	Sec. 33, T. 38 N., R. 2 W.	----do-----	Ba	----do-----	Produced 150 tons of Pb ore.
29	Prospect-----	Sec. 33, T. 38 N., R. 2 W.	----do-----	Pb	Heyl and others, 1965	
30	Lead Mountain mine	Sec. 33, T. 38 N., R. 2 W.	----do-----	Pb, Zn, Ba	Heyl and others, 1965; Winslow, 1894, p. 685.	Produced 25 tons of ore.
31	Usury mine-----	Sec. 14, T. 37 N., R. 2 W.	----do-----	Pb	Heyl and others, 1965; Winslow, 1894, p. 686.	Shipped 5 tons Pb ore.
32	Matthews mine----	Sec. 11, T. 37 N., R. 2 W.	----do-----	Pb	Winslow, 1894, p. 685	10 tons mined.
33	Jumbo mine-----	NW 1/4 sec. 1, T. 36 N., R. 2 W.	----do-----	Pb, Zn, Ba	Heyl and others, 1965; Winslow, 1894, p. 683.	
34	Poverty Flat mine	NW 1/4 NE 1/4 sec. 31, T. 37 N., R. 1 W.	Washington	Pb	Do.	
35	Prospect-----	Sec. 29, T. 37 N., R. 1 W.	----do-----	Pb	Heyl and others, 1965	
36	----do-----	Sec. 31, T. 37 N., R. 1 W.	----do-----	Pb	Do.	
37	Little Saturday mine.	SE 1/4 sec. 31, T. 37 N., R. 1 W.	----do-----	Pb	Heyl and others, 1965; Winslow, 1894, p. 683.	
38	Dry Bone mine----	NE 1/4 sec. 1, T. 36 N., R. 2 W.	----do-----	Pb	Winslow, 1894, p. 683	Cerussite occurs with galena and sphalerite.
39	Kellogg mine-----	NW 1/4 sec. 6, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Do.	
40	Picayune mine----	SW 1/4 SE 1/4 sec. 34, T. 37 N., R. 1 W.	----do-----	Pb, Ba	Litton, 1855, p. 51; Winslow, 1894, p. 682.	
41	Coffee Pot mine--	W 1/2 NW 1/4 sec. 34, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Do.	
42	Prospect-----	Sec. 26, T. 36 N., R. 1 W.	----do-----	Pb	Heyl and others, 1965	
43	----do-----	Sec. 27, T. 38 N., R. 1 W.	----do-----	Pb	Do.	
44	----do-----	Sec. 6, T. 37 N., R. 1 E.	----do-----	Pb	Do.	
45	----do-----	Sec. 26, T. 37 N., R. 1 E.	----do-----	Pb	Do.	
46	Krueger mine-----	NE 1/4 sec. 24, T. 37 N., R. 1 E.	----do-----	Pb, Zn	U.S. Bureau of Mines, 1948, 49 p.	
47	English mine-----	NE 1/4 sec. 2 T. 36 N., R. 1 W.	----do-----	Pb, Ba	Litton, 1855, p. 51; Heyl and others, 1965.	
48	----do-----	NE 1/4 sec. 2, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Do.	
49	Madden Hill mine	SE 1/4 sec. 2, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Litton, 1855, p. 51	
50	Pigeon Roost mine	Sec. 1, T. 36 N., R. 1 W.	----do-----	Pb, Ba, Zn	----do-----	Smithsonite occurs.

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and barite in sedimentary rocks in the Rolla 1°x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
51	Prospect-----	Sec. 5, T. 36 N., R. 1 E.	Washington	Pb, Ba	Heyl and others, 1965	
52	Frash (Parole) mine	E 1/2 SW 1/4 sec. 6, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Litton, 1855, p. 51; Winslow, 1894, p. 682.	
53	Cochran mine-----	W 1/2 NE 1/4 sec. 12, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Litton, 1855, p. 51	
54	Turkey Hill mine	W 1/2 NE 1/4 sec. 8, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
55	Grave-Yard mine--	E 1/2 NE 1/4 sec. 8, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
56	Water-Hill mine--	E 1/2 NW 1/4 sec. 15, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Do.	
57	Polecat mine-----	W 1/2 SW 1/4 sec. 14, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Do.	
58	Flint Hill mine--	SW 1/4 sec. 12, T. 36 N., R. 1 W.	----do-----	Pb, Ba	Do.	
59	Montgomery mine--	SW 1/4 sec. 7, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
60	Clemins mine-----	W 1/2 NW 1/4 sec. 17, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
61	Ismael mine-----	E 1/2 SE 1/4 sec. 8, T. 36 N., R. 1 E.	----do-----	Pb, Ba	----do-----	Unknown amount of ore shipped.
62	Sweassey mine-----	E 1/2 SE 1/4 sec. 18, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
63	Peru mine-----	W 1/2 NE 1/4 sec. 19, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
64	Prospect-----	Sec. 20, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Heyl and others, 1965	
65	----do-----	Sec. 20, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
66	Tarkey mine-----	Sec. 15, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Litton, 1855, p. 51	
67	Hypocrite mine---	E 1/2 NW 1/4 sec. 22, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
68	Gopher mine-----	E 1/2 SW 1/4 sec. 22, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
69	Prospect-----	Sec. 26, T. 36 N., R. 1 E.	----do-----	Pb, Ba	Do.	
70	----do-----	Sec. 18, T. 36 N., R. 2 E.	----do-----	Pb, Ba	Heyl and others, 1965	
71	Dempsey mine-----	Secs. 18 and 19, T. 37 N., R. 3 E.	----do-----	Pb, Zn, Ba	U.S. Bureau Mines, 1945	
72	Potosi mines-----	Sec. 33, T. 38 N., R. 2 E.	----do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
73	----do-----	Sec. 33, T. 38 N., R. 2 E.	----do-----	Pb, Zn	Do.	
74	----do-----	Sec. 34, T. 38 N., R. 2 E.	----do-----	Pb, Zn	Do.	
75	----do-----	Sec. 34, T. 38 N., R. 2 E.	----do-----	Pb, Zn	Do.	
76	Prospect-----	Sec. 25, T. 38 N., R. 2 E.	----do-----	Pb, Zn	Do.	

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Map No.	Name	Location	County	Commodities	Reference	Comments
77	Prospect-----	Sec. 31, T. 38 N., R. 3 E.	Washington	Ba, Pb	Missouri Division of Geological Survey, un- pub. mapping; Heyl and others, 1965.	
78	Shibboleth mine--	Sec. 21, T. 38 N., R. 3 E.	---do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
79	Potosi mines-----	Sec. 3, T. 37 N., R. 2 E.	---do-----	Pb, Zn	Do.	
80	---do-----	Sec. 10, T. 37 N., R. 2 E.	---do-----	Pb, Zn	Do.	
81	---do-----	Sec. 10, T. 37 N., R. 2 E.	---do-----	Pb, Zn	Do.	
82	Potosi mine (Mine à Burton?).	Sec. 10, T. 37 N., R. 2 E.	---do-----	Pb, Zn	Cobb, 1874, p. 674	
83	Potosi mines-----	Sec. 15, T. 37 N., R. 2 E.	---do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
84	Pierce and Willowby mine.	Sec. 15, T. 37 N., R. 2 E.	---do-----	Pb, Ba	Litton, 1855, p. 46	
85	Prospect-----	Sec. 14, T. 37 N., R. 2 E.	---do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
86	---do-----	Sec. 13, T. 37 N., R. 2 E.	---do-----	Pb, Zn	Do.	
87	Potosi mines-----	Sec. 12, T. 37 N., R. 2 E.	---do-----	Pb, Zn, Ba	Heyl and others, 1965	
88	Prospect-----	Sec. 7, T. 37 N., R. 3 E.	---do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
89	---do-----	Sec. 17, T. 37 N., R. 3 E.	---do-----	Pb, Zn	Do.	
90	---do-----	Sec. 17, T. 37 N., R. 3 E.	---do-----	Pb, Zn	Do.	
91	---do-----	Sec. 17, T. 36 N., R. 2 E.	---do-----	Pb	Heyl and others, 1965	
92	Farquaher mine---	Sec. 17, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
93	---do-----	Sec. 17, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Do.	
94	Prospect-----	Sec. 6, T. 36 N., R. 3 E.	---do-----	Cu	Missouri Division of Geological Survey, un- pub. mapping, 1962.	
95	Farquaher mine---	Sec. 11, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Winslow, 1894, facing p. 644.	
96	---do-----	Sec. 11, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Do.	
97	---do-----	Sec. 11, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Do.	
98	---do-----	Sec. 11, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Do.	
99	---do-----	Sec. 11, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Do.	
100	---do-----	Sec. 13, T. 36 N., R. 2 E.	---do-----	Pb, Zn	Do.	
101	Peach Orchard mine	Sec. 22, T. 36 N., R. 2 E.	---do-----	Pb, Ag	Winslow, 1894, p. 455	
102	Prospect-----	Sec. 5, T. 36 N., R. 3 E.	---do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	

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Map No.	Name	Location	County	Commodities	Reference	Comments
103	Evans mine-----	SE 1/4 sec. 4, T. 36 N., R. 3 E.	Washington	Zn	Heyl and others, 1965; U.S. Geological Survey, 1958.	
104	Prospect-----	Sec. 8, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
105	----do-----	Sec. 7, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Heyl and others, 1965	
106	----do-----	Sec. 8, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
107	----do-----	Sec. 8, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Do.	
108	----do-----	Sec. 7, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Do.	
109	----do-----	Sec. 17, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Winslow, 1894, map facing p. 644.	
110	----do-----	Sec. 18, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Do.	
111	----do-----	Sec. 17, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Do.	
112	----do-----	Sec. 17, T. 36 N., R. 3 E.	----do-----	Pb, Zn	Do.	
113	Irondale mine----	NW 1/4 sec. 15, T. 36 N., R. 3 E.	----do-----	Pb	U.S. Geological Survey, 1958.	
114	Eversole mine----	SW 1/4 sec. 21, T. 36 N., R. 3 E.	----do-----	Pb	Do.	
115	Hayden Creek mine	Center sec. 7, T. 36 N., R. 4 E.	St. Francois	Pb, Ag, Zn, Cu, Co, Ni	Do.	
116	Owl Creek Basin Group mine.	Sec. 4, T. 36 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
117	Mine shaft-----	Sec. 4, T. 36 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Neuschel and McKnight, 1948.	
118	St. Joe #11 mine	Sec. 3, T. 36 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
119	Mine shaft-----	Secs. 4 and 9, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
120	----do-----	Sec. 9, T. 36 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
121	Doe Run #8 mine--	Sec. 10, T. 36 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
122	Desloge mines group	Sec. 35, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
123	----do-----	Secs. 35 and 36, T. 37 N., R. 4 E. and secs. 1 and 2, T. 36 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
124	St. Joe Nos. 7 and 9.	Sec. 23, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Neuschel and McKnight, 1948.	
125	Bonne Terre mines group.	Sec. 13, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
126	----do-----	Sec. 14, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Neuschel and McKnight, 1948.	
127	----do-----	Sec. 13, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
128	----do-----	Sec. 13, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	

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129	Bonne Terre mines group.	Sec. 13, T. 37 N., R. 4 E.	St. Francois	Pb, Ag, Zn, Cu, Co, Ni	Neuschel and McKnight, 1948.	
130	----do-----	Sec. 24, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
131	Prospect-----	Sec. 32, T. 38 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
132	Potosi mine-----	SE 1/4 sec. 21, T. 38 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Litton, 1855, p. 40	
133	Manchester mine--	E 1/2 SE 1/4 sec. 31, T. 38 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
134	Hazel Run mine---	SW 1/4 sec. 33, T. 38 N., R. 5 E.	----do-----	Pb	Litton, 1855, p. 39	
135	Bonne Terre mines	Sec. 33, T. 38 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Kisvarsanyi, 1974	
136	Prospect-----	Sec. 35, T. 38 N., R. 5 E.	----do-----	Pb	Heyl and others, 1965	
137	----do-----	Sec. 36, T. 38 N., R. 5 E.	----do-----	Pb	Do.	
138	Desloge #3 mine--	Sec. 36, T. 37 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Neuschel and McKnight, 1948.	
139	Mine á Joe, Desloge mine.	Sec. 1, T. 36 N., R. 4 E.	----do-----	Pb, Cu	Winslow, 1894, map facing p. 644.	
140	Mine-----	Sec. 12, T. 36 N., R. 4 E.	----do-----	Pb, Cu	Missouri Division of Geological Survey, un- pub. mapping, 1962.	
141	Taylor's mine----	Sec. 6, T. 36 N., R. 5 E.	----do-----	Pb, Zn	Winslow, 1894, map facing p. 668.	
142	Mine-----	Sec. 32, T. 37 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Kisvarsanyi, 1974	
143	St. Joe #8 mine--	Sec. 12, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
144	Doe Run mines----	Sec. 6, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Winslow, 1894, map facing p. 668.	
145	National Group mine	Sec. 5, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
146	St. Joseph Co. mine	Sec. 5, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Winslow, 1894, map facing p. 668.	
147	Mine-----	Sec. 33, T. 37 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Kisvarsanyi, 1974	
148	----do-----	Sec. 4, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
149	----do-----	Sec. 3, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
150	Doe Run mine----	Sec. 7, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Winslow, 1894, map facing p. 668.	
151	Mine-----	Sec. 7, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Kisvarsanyi, 1974	
152	Federal Group mine	Sec. 8, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
153	Mine-----	Sec. 18, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Kisvarsanyi, 1974	
154	Derby and Company mine.	Sec. 13, T. 36 N., R. 4 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Winslow, 1894, map facing p. 668.	

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Map No.	Name	Location	County	Commodities	Reference	Comments
155	Central Company mine.	Sec. 7, T. 36 N., R. 5 E.	St. Francois	Pb, Ag, Zn, Cu, Co, Ni	Winslow, 1894, map facing p. 668.	
156	Mine-----	Sec. 18, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Kisvarsanyi, 1974	
157	Federal Group mine	Sec. 8, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Heyl and others, 1965	
158	Mine-----	Sec. 16, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Kisvarsanyi, 1974	
159	----do-----	Sec. 21, T. 36 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Do.	
160	Doe Run mines----	Secs. 16 and 17, T. 35 N., R. 5 E.	----do-----	Pb, Ag, Zn, Cu, Co, Ni	Winslow, 1894, map facing p. 672, p. 337.	Ore mined from conglomerate.
161	Herzog mine-----	NW 1/4 sec. 32, T. 38 N., R. 8 E.	Ste. Genevieve	Cu	Weller and St. Clair, 1928, p. 336.	
162	Swansea mine-----	SE 1/4 sec. 32, T. 38 N., R. 8 E.	----do-----	Cu	Weller and St. Clair, 1928, p. 335, 336.	
163	Cornwall Group mines.	Secs. 15, 16, 21, and 22, T. 37 N., R. 8 E.	----do-----	Cu	Weller and St. Clair, 1928, p. 333-335.	With Zn, Pb, Fe.
164	Prospect-----	E. center sec. 22, T. 36 N., R. 8 E.	----do-----	Pb, Zn, Cu, Fe	Weller and St. Clair, 1928, p. 348.	
165	Avon mines-----	SW 1/4 sec. 12, T. 35 N., R. 7 E.	----do-----	Pb	Weller and St. Clair, 1928, p. 347.	
166	Prospect-----	Sec. 19, T. 35 N., R. 9 E.	----do-----	Pb	Heyl and others, 1965	
167	----do-----	Sec. 28, T. 35 N., R. 9 E.	Perry	Pb	Do.	
168	----do-----	Sec. 35, T. 35 N., R. 9 E.	----do-----	Pb	Do.	
169	Mine-----	Sec. 9, T. 35 N., R. 2 W.	Crawford	Pb	Do.	
170	Viburnum #27 mine	Sec. 15, T. 35 N., R. 2 W.	----do-----	Pb, Zn, Cu, Ag, Co, Ni	Missouri Division of Geological Survey, unpub. mapping, 1962.	
171	Viburnum #29 mine	Sec. 7, T. 35 N., R. 1 W.	Washington	Pb, Zn, Cu, Ag, Co, Ni	Do.	
172	Viburnum #28 mine	Sec. 26, T. 35 N., R. 2 W.	Iron	Pb, Zn, Cu, Ag, Co, Ni	Do.	
173	Viburnum #35 mine	Sec. 11, T. 34 N., R. 2 W.	----do-----	Pb, Zn, Cu, Ag, Co, Ni	Do.	
174	Magmont mine-----	Sec. 14, T. 34 N., R. 2 W.	----do-----	Pb, Zn, Cu, Ag, Co, Ni	Do.	
175	Buick mine-----	Sec. 26, T. 34 N., R. 2 W.	----do-----	Pb, Zn, Cu, Ag, Co, Ni	Do.	
176	Brushy Creek-----	Sec. 23, T. 33 N., R. 2 W.	Reynolds	Pb, Zn, Cu, Ag, Co, Ni	Do.	
177	West Fork mine---	Sec. 1, T. 32 N., R. 2 W.	----do-----	Pb, Zn, Cu, Ag, Co, Ni	Do.	
178	Fletcher mine-----	Sec. 13, T. 32 N., R. 2 W.	----do-----	Pb, Zn, Cu, Ag, Co, Ni	Do.	
179	Milliken mine, No. 5 and No. 6 shafts.	Secs. 22, 27, and 34, T. 31 N., R. 2 W.	----do-----	Pb, Zn, Cu, Ag, Co, Ni	Do.	

Table 1.--Location and reference information for mines and prospects of lead, copper, zinc, silver, cobalt, and nickel, and barite in sedimentary rocks in the Rolla 1°x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
180	Prospect-----	E 1/2 sec. 3, T. 33 N., T. 33 N., R. 1 E.	Reynolds	Cu	Dake, 1930, p. 220	In Precambrian rocks.
181	--do-----	NE 1/4 SE 1/4 sec. 30, T. 34 N., R. 2 E.	Iron	Cu, Pb, Zn	----do-----	Do.
182	----do-----	NW 1/4 NE 1/4 sec. 27, T. 34 N., R. 2 E.	----do-----	Cu	Do.	
183	Aubuchon mine----	Sec. 1, T. 32 N., R. 5 E.	Madison	Pb	Winslow, 1894, p. 700	
184	Old Copper mines	NW 1/4 sec. 1, T. 33 N., R. 6 E.	----do-----	Cu	Keyes, 1896, p. 78-79	
185	Catherine mines	E 1/2 sec. 2, T. 33 N., R. 6 E.	----do-----	Pb, Cu, Ni, Co	James, 1949	
186	Hickory Nut mines	SW 1/4 sec. 1, T. 33 N., R. 6 E.	----do-----	Pb, Cu, Ni, Co	Do.	
187	Mine LaMotte Group mines.	Sec. 33, T. 34 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Heyl and others, 1965; Litton, 1855, p. 13.	
188	----do-----	Sec. 33, T. 34 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Do.	
189	----do-----	Sec. 34, T. 34 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Missouri Division of Geological Survey, unpub. mapping, 1962.	
190	St. Joe #26 mine	NE 1/4 sec. 35, T. 34 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Wharton, Heyward, oral commun., 1980.	
191	Higdon mine-----	Sec. 34, T. 34 N., R. 8 E.	Perry	Pb, Cu, Ni, Co, Ag	Missouri Division of Geological Survey, unpub. mapping, 1962.	
192	Gosney and Nifong mine.	S 1/2 sec. 4, T. 33 N., R. 7 E.	Madison	Pb, Cu, Ni, Co, Ag	James, 1949	
193	Tucker mine-----	N 1/2 sec. 1, T. 33 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Do.	
194	Hill mine-----	NE 1/4 sec. 36, T. 33 N., R. 6 E.	----do-----	Pb, Cu, Ni, Co, Ag	Do.	
195	Dr. Robb and Perringer mine.	N 1/2 sec. 30, T. 33 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Do.	
196	Ruth mine-----	Secs. 20 and 29, T. 33 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Do.	
197	St. Louis Smelting and Refining mines.	S 1/2 sec. 21 and NW 1/4 sec. 28, T. 33 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag	Do.	
198	Madison mine-----	Secs. 15, 16, 21, 22, and 28, T. 33 N., R. 7 E.	----do-----	Pb, Cu, Ni, pyrite, Co, Ag, Zn	Keyes, 1896, p. 79; Kline and others, 1961.	Produced pyrite.
199	Schulte mine-----	SW 1/4 sec. 28, T. 33 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag, Zn	James, 1949	
200	Marshall mine----	NE 1/4 sec. 14, T. 33 N., R. 7 E.	----do-----	Pb, Cu, Ni, Co, Ag, Zn	Do.	
201	Marquand Prospect	Sec. 21, T. 32 N., R. 8 E.	----do-----	Pb	Heyl and others, 1965	
202	----do-----	Sec. 28, T. 32 N., R. 8 E.	----do-----	Pb	Do.	
203	Annapolis mine----	Sec. 13, 14, 23, and 24, T. 31 N., R. 3 E.	Iron	Pb, Zn, Cu, Co, Ni, Ag	Do.	
204	Jerktail prospect	NE 1/4 sec. 5, T. 29 N., R. 3 W.	Shannon	Cu	Bridge, 1930, p. 175	

Table 1.--Location and reference information for mines and prospects of lead, copper, zinc, silver, cobalt, and nickel,
and barite in sedimentary rocks in the Rolla 1°x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
205	Casey mine-----	SW 1/4 sec. 14, T. 29 N., R. 4 W.	Shannon	Cu	Bridge, 1930, p. 175	In Gasconade Dolomite.
206	Slater mine-----	NW 1/4 NE 1/4 sec. 36, T. 29 N., R. 4 W.	----do-----	Cu	Bridge, 1930, p. 173	Produced during WWII. Ore from Precambrian rocks.
207	Sutton mine-----	SW 1/4 NE 1/4 sec. 18 T. 28 N., R. 3 W.	----do-----	Cu	Bridge, 1930, p. 173, 177.	Production in 1800's.
208	McKinney prospect	NW 1/4 SW 1/4 NW 1/4 sec. 15, T. 29 N., R. 4 W.	----do-----	Cu	Bridge, 1930, geologic map.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri

Map No.	Name	Location	County	Commodities	Reference	Comments
1	Turner prospect-----	NW 1/4 NW 1/4 sec. 3, T. 37 N., R. 9 W.	Phelps	Pyrite	Grawe, 1945, p. 400.	
2	Strawhun Bank-----	NW 1/4 sec. 2, T. 37 N., R. 9 W.	---do-----	Fe	Crane, 1912, p. 300.	
3	Strawhun mine-----	Sec. 25, T. 38 N., R. 9 W.	---do-----	Fe	Do.	
4	Ozark Branch mine---	NE 1/4 SW 1/4 sec. 16, T. 37 N., R. 9 W.	---do-----	Fe	Crane, 1912, p. 299.	
5	Buckland mine-----	NE 1/4 SW 1/4 sec. 20, T. 37 N., R. 8 W.	---do-----	Fe, pyrite	Crane, 1912, p. 290; Grawe, 1945, p. 380.	
6	Kelley's #2 mine----	NE 1/4 sec. 21 T. 37 N., R. 8 W.	---do-----	Fe	Crane, 1912, p. 293.	
7	Taylor's Rolla mine	SW 1/4 sec. 15, T. 37 N., R. 8 W.	---do-----	Fe	Crane, 1912, p. 298.	
8	Hudgeon's mine-----	NW 1/4 sec. 31, T. 37 N., R. 8 W.	---do-----	Fe	Crane, 1912, p. 293.	
9	Little Piney #1 mine	SE 1/4 SE 1/4 sec. 2, T. 36 N., R. 9 W.	---do-----	Fe	Crane, 1912, p. 299.	
10	Little Piney #2 mine	NE 1/4 NE 1/4 sec. 11, T. 36 N., R. 9 W.	---do-----	Fe	Do.	
11	Railroad land mine--	NW 1/4 sec. 4, T. 36 N., R. 8 W.	---do-----	Fe	Crane, 1912, p. 301.	
12	Beaver Creek mine---	S 1/2 sec. 33, T. 37 N., R. 8 W.	---do-----	Fe	Crane, 1912, p. 289.	
13	Piney Creek prospect	SE 1/4 NE 1/4 NW 1/4 sec. 23, T. 36 N., R. 9 W.	---do-----	Fe	Grawe, 1945, p. 431.	
14	Kelley #1 mine-----	E 1/2 sec. 13, T. 36 N., R. 8 W.	---do-----	Fe, pyrite	Crane, 1912, p. 293; Grawe, 1945, p. 413-414.	
15	Southgate mine-----	SW 1/4 SW 1/4 NW 1/4 sec. 20, T. 36 N. R. 8 W.	---do-----	Fe	Grawe, 1945, p. 433-434.	
16	Moselle #10-----	NW 1/4 NE 1/4 sec. 20, T. 36 N., R. 8 W.	---do-----	Fe, pyrite	Crane, 1912, p. 295; Grawe, 1945, p. 387-397.	
17	Stogsdill prospect--	NE 1/4 sec. 16, T. 3 N., R. 8 W.	---do-----	Fe	Grawe, 1945, p. 437-438.	
18	Ozark mine-----	NE 1/4 NW 1/4 sec. 3, T. 35 N., R. 9 W.	---do-----	Fe	Crane, 1912, p. 296; Grawe, 1945, p. 429-430.	
19	Horse Hollow mine---	NW 1/4 sec. 1, T. 35 N., R. 9 W.	---do-----	Fe	Crane, 1912, p. 293.	
20	Moselle #1 mine----	SE 1/4 sec. 26, T. 36 N., R. 8 W.	---do-----	Fe	Crane, 1912, p. 295.	
21	See mine-----	SE 1/4 sec. 36, T. 36 N., R. 8 W.	---do-----	Fe	Crane, 1912, p. 301.	
22	A.C.L. #1 mine-----	W 1/2 sec. 1, T. 37 N., R. 7 W.	---do-----	Fe	Schmidt, 1873, p. 207.	
23	Luther mine-----	NE 1/4 NW 1/4 SE 1/4 sec. 1, T. 37 N., R. 7 W.	---do-----	Fe	Grawe, 1945, p. 421-423.	
24	Railroad #1 mine----	Sec. 6, T. 37 N., R. 6 W.	---do-----	Fe	Schmidt, 1873, p. 207.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
25	Moselle #9 mine; Verkamp prospect.	S 1/2 SE 1/4 sec. 29, T. 38 N., R. 6 W.; NE 1/4 SW 1/4 SE 1/4 sec. 32, T. 38 N., R. 6 W.	Phelps	Fe	Grawe, 1945, p. 427-428, 441-442.	
26	Crisp mine-----	SW 1/4 SE 1/4 SW 1/4 sec. 28, T. 38 N. R. 6 W.	----do-----	Fe	Grawe, 1945, p. 404-408.	Azurite and malachite present.
27	Thornton-Dowling mine; Santee and Clark.	NE 1/4 SE 1/4 NE 1/4 sec. 33, T. 38 N., R. 6 W.; SW 1/4 sec. 33, T. 38 N., R. 6 W.	----do-----	Fe	Nason, 1892, p. 228-229; Grawe, 1945, p. 438-440.	
28	South Mountain mine	Sec. 23, T. 38 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 297.	
29	Dry Fork mine-----	Sec. 13, T. 37 N., R. 7 W.	----do-----	Fe	Schmidt, 1873, p. 207.	
30	Cooper mine-----	SE 1/4 NW 1/4 sec. 17, T. 37 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 291.	
31	Railroad #2 prospect.	Sec. 8, T. 37 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 207.	
32	Thompson mine-----	Sec. 17, T. 37 N. R. 6 W.	----do-----	Fe	Do.	
33	Meramec mine-----	SE 1/4 SW 1/4 NW 1/4 sec. 1, T. 37 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 294-295; Grawe, 1945, p. 423-427.	Produced 375,000 tons ore.
34	Powell prospect----	SE 1/4 SE 1/4 sec. 7, T. 37 N., R. 5 W.	Crawford	Fe	Grawe, 1945, p. 290.	
35	Lennox mine-----	Sec. 36, T. 37 N., R. 7 W.	Phelps	Fe	Crane, 1912, p. 294.	
36	Reed mine-----	NW 1/4 sec. 31, T. 37 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 296.	Cu present.
37	Grand Union mine---	Sec. 31, T. 37 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 301.	
38	Railroad #3 mine---	Sec. 32, T. 37 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 207.	
39	DeCamp mine-----	SW 1/4 NW 1/4 sec. 32, T. 37 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 291; Grawe, 1945, p. 408-410.	Cu present.
40	McDole prospect----	NW 1/4 sec. 23, T. 37 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 301.	
41	Kelley #3 mine-----	SW 1/4 sec. 6, T. 36 N., R. 6 W.	----do-----	Fe, Cu	Crane, 1912, p. 294; Grawe, 1945, p. 415-416.	Cu production reported.
42	Hall mine-----	NW 1/4 sec. 5, T. 36 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 207.	
43	Parry prospect-----	SW 1/4 SW 1/4 sec. 3, T. 36 N., T. 6 W.	----do-----	Fe	Grawe, 1945, p. 420-431.	
44	Stimson mine-----	SW 1/4 sec. 10, T. 36 N., R. 6 W.	----do-----	Fe, Cu	Crane, 1912, p. 297; Grawe, 1945, p. 435-437.	Cu production reported.
45	Santee mine-----	Sec. 36, T. 37 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 202.	
46	Williford mine-----	SE 1/4 NE 1/4 SW 1/4 sec. 36, T. 37 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 298; Grawe, 1945, p. 442-443.	
47	Cold Spring mine---	N 1/2 SW 1/4 SE 1/4 sec. 29, T. 36 N., R. 7 W.	----do-----	Fe	Grawe, 1945, p. 402-404.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
48	Hyer mine-----	Sec. 26, T. 36 N., R. 7 W.	Phelps	Fe	Crane, 1912, p. 293.	
49	Seaton mine-----	N $\frac{1}{2}$ sec. 30, T. 36 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 207.	
50	African mine-----	SE $\frac{1}{4}$ sec. 22, T. 36 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 289.	
51	Winkler mine-----	S $\frac{1}{2}$ sec. 14, T. 36 N., R. 6 W.	----do-----	Fe	Do.	
52	Clark mine-----	Sec. 23, T. 36 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 290.	
53	Smith mine-----	S $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 27, T. 36 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 297.	
54	Brady mine-----	SW $\frac{1}{4}$ sec. 37, T. 36 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 290.	
55	Clinton, 3 mines---	Sec. 36, T. 36 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 291.	
56	Smith mine-----	Sec. 26, T. 36 N., R. 6 W.	----do-----	Fe	Nason, 1892, p. 228.	
57	Lamb mine-----	NW $\frac{1}{4}$ sec. 35, T. 36 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 294.	
58	Burns mine-----	Sec. 34, T. 36 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 290.	
59	Brewer mine-----	NW $\frac{1}{4}$ sec. 27, T. 35 N., R. 7 W.	Dent	Fe	Grawe, 1945, p. 302.	
60	Watkins mine-----	NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 12, T. 35 N., R. 7 W.	----do-----	Fe	Crane, 1912, p. 233.	
61	Williams mine-----	N $\frac{1}{2}$ sec. 16, T. 35 N., R. 6 W.	----do-----	Fe	Do.	
62	Blair mine-----	S $\frac{1}{2}$ sec. 9, T. 35 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 224.	
63	Hawkins mine-----	N $\frac{1}{2}$ sec. 11, T. 35 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 226-227; Grawe, 1945, p. 302-305.	Produced 200,000 tons of ore.
64	Blackwell mine-----	S $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 12, N $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 13, T. 35 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 204.	
65	Plank mine-----	NW $\frac{1}{4}$ sec. 33, T. 35 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 229.	
66	Prospect-----	SW $\frac{1}{4}$ sec. 32, T. 35 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 204.	
67	Arnold mine-----	SE $\frac{1}{4}$ sec. 4, T. 35 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 224.	
68	Benton Creek mine--	S $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32, T. 36 N., R. 5 W.	Crawford	Fe	Grawe, 1945, p. 258.	
69	N. G. Clark mine---	W $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 34, T. 36 N., R. 5 W.	----do-----	Fe	Schmidt, 1873, p. 202.	
70	Craig mine-----	E $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 24, T. 36 N., R. 5 W.	----do-----	Fe	Schmidt, 1873, p. 203.	
71	S. L. & S. & L.R. mine.	NE $\frac{1}{4}$ SE $\frac{1}{4}$ and SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 24, T. 36 N., R. 5 W.	----do-----	Fe	Do.	
72	James mine-----	C. sec. 12, T. 36 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 216.	
73	Vaughn mine-----	NE $\frac{1}{4}$ sec. 13, T. 36 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 220.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
74	Yeary prospect----	N 1/2 sec. 35, T. 37 N., R. 5 W.	Crawford	Pyrite	Grawe, 1945, p. 298.	
75	Hart mine-----	Sec. 24, T. 37 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 216.	
76	Clark and Co. prospect.	S 1/2 SW 1/4 sec. 25, T. 38 N., R. 5 W.	----do-----	Fe	Schmidt, 1873, p. 207.	
77	Clark mine-----	NE 1/4 NE 1/4 sec. 26, T. 38 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 211.	
78	Steelville mines--	E 1/2 SW 1/4 sec. 5, T. 37 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 221.	
79	Marsh mine-----	NE 1/4 NE 1/4 sec. 5, T. 37 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 217; Grawe, 1945, p. 284.	
80	Peetz mine-----	SE 1/4 NW 1/4 sec. 9, T. 37 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 221.	
81	Buffum mine-----	Sec. 32, T. 37 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 205.	
82	Ferguson mine-----	N 1/2 SE 1/4 sec. 21, T. 37 N., R. 4 W.	----do-----	Fe	Nason, 1892, p. 218-219.	
83	Arthur mine-----	E 1/2 sec. 18, T. 36 N., R. 4 W.	----do-----	Fe	Schmidt, 1873, p. 203.	
84	McGary mine-----	SW 1/4 NW 1/4 sec. 29, T. 36 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 218.	
85	Hibler mine-----	W 1/2 sec. 34, T. 36 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 220.	
86	Rees mine-----	E 1/2 sec. 27, T. 36 N., R. 4 W.	----do-----	Fe	Do.	
87	Thompson mine-----	Sec. 26, T. 36 N., R. 4 W.	----do-----	Fe	Do.	
88	Sligo mine-----	S 1/2 sec. 2, T. 35 N., R. 4 W.	Dent	Fe	Crane, 1912, p. 232.	
89	Grover mine-----	SW 1/4 sec. 2, NW 1/4 sec. 11, T. 35 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 226.	
90	Fitzwater mine----	NE 1/4 sec. 33, T. 35 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 225.	
91	----do-----	NW 1/4 sec. 34, T. 35 N., R. 4 W.	----do-----	Fe	Do.	
92	Cherry Valley mine	E 1/2 SW 1/4 and W 1/2 SW 1/4 sec. 4, T. 37 N., R. 3 W.	Crawford	Fe, pyrite	Crane, 1912, p. 205; Grawe, 1945, p. 240-254.	Cu present; traces of Mn, Ti, and Pb.
93	Knox prospect-----	SE 1/4 SE 1/4 sec. 26, T. 38 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 17.	
94	Dry Creek prospect	Sec. 15, T. 36 N., R. 3 W.	----do-----	Fe	Schmidt, 1873, p. 203.	
95	Prospect-----	N 1/2 sec. 36, T. 36 N., R. 3 W.	----do-----	Fe	Do.	
96	Camels Hump-----	Sec. 36, T. 36 N., R. 3 W.	----do-----	Fe	U.S. Geological Survey and Missouri Division of Geological Survey, 1967, p. 84.	Undeveloped Precambrian ore ore body.
97	Carson prospect----	Sec. 16, T. 35 N., R. 3 W.	----do-----	Fe	Schmidt, 1873, p. 204.	
98	Carson prospect----	Sec. 14, T. 35 N., R. 3 W.	----do-----	Fe	Do.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
99	Reuben Smith mine--	E 1/2 SE 1/4 sec. 13, T. 35 N., R. 3 W.	Crawford	Fe	Schmidt, 1873, p. 204.	
100	Childers mine-----	Sec. 18, T. 33 N., R. 8 W.	Texas	Fe	U.S. Bureau Mines, 1943b, p. 30.	
101	Wiggins mines-----	NE 1/4 NE 1/4 sec. 9, T. 33 N., R. 7 W.	Dent	Fe	Schmidt, 1873, p. 205.	
102	Causey mines-----	SW 1/4 NE 1/4 sec. 25, T. 34 N., R. 7 W.	----do-----	Fe	Crane, 1912, p. 225.	
103	Taylor mine-----	SW 1/4 SW 1/4 sec. 12, T. 34 N., R. 7 W.	----do-----	Fe	Nason, 1892, p. 223.	
104	Clark mines-----	SW 1/4 SE 1/4 sec. 12, T. 34 N., R. 7 W.	----do-----	Fe	Crane, 1912, p. 225.	
105	Thomas mine-----	SE 1/4 NE 1/4 sec. 17, T. 34 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 232.	
106	Lenox mine-----	NE 1/4 SE 1/4 sec. 17, T. 34 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 228.	
107	Pomeroy-----	NW 1/4 SW 1/4 sec. 10, T. 34 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 230.	
108	Preston mine-----	N 1/2 sec. 27, T. 34 N., R. 6 W.	----do-----	Fe	Do.	
109	Kerr mine-----	W 1/2 NW 1/4 sec. 4, T. 33 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 228.	
110	Simmons Mountain mine.	NW 1/4 sec. 24, T. 34 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 231.	Produced 250,000 tons of ore prior to 1892.
111	Ferguson mine-----	Sec. 13, T. 34 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 225.	
112	Orchard mine-----	NW 1/4 sec. 19, T. 34 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 229.	
113	Hays mine-----	NE 1/4 sec. 20, T. 34 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 227.	
114	Jamison mine-----	SW 1/4 sec. 1, T. 33 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 228.	
115	Stephens-Woodside mine.	W 1/2 sec. 4, T. 33 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 232.	
116	Riverside-Ziegler--	E 1/2 NE 1/4 sec. 2, T. 33 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 231.	
117	Pittsburgh prospect	Sec. 13, T. 34 N., R. 5 W.	----do-----	Fe	Schmidt, 1873, p. 205.	
118	Norris mine-----	SE 1/4 NE 1/4 sec. 12, T. 34 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 228.	
119	Hutchins mine-----	Sec. 15, T. 34 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 227.	
120	Eddington mine-----	S 1/2 sec. 19, T. 34 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 234.	
121	Howe Mill mine-----	Sec. 9, T. 34 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 227.	
122	Nova Scotia mine---	NE 1/4 SE 1/4 sec. 26, T. 33 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 229.	
123	Boss-----	Secs. 9 and 16, T. 34 N., R. 2 W.	----do-----	Fe, Cu	U.S. Geological Survey and Missouri Division Geological Survey, 1967, p. 84.	Undeveloped deposit.
124	Red Point prospect	Sec. 15, T. 34 N., R. 2 W.	Iron	Fe	Crane, 1912, p. 263.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
125	Red Point prospect	Sec. 14, T. 34 N., R. 2 W.	Iron	Fe	Crane, 1912, p. 263.	
126	Prospect-----	Sec. 14, T. 34 N., R. 2 E.	----do-----	Fe	Nason, 1892, p. 225.	
127	----do-----	Sec. 1, T. 34 N., R. 2 E.	----do-----	Fe	Do.	
128	Prospect-----	SW 1/4 NE 1/4 NW 1/4 SE 1/4 sec. 16, T. 35 N., R. 1 W.	Washington	Fe	Crane, 1912, p. 345.	
129	----do-----	SW 1/4 sec. 7, T. 35 N., R. 1 E.	----do-----	Fe	Do.	
130	----do-----	SW 1/4 NW 1/4 sec. 7, T. 35 N., R. 1 E.	----do-----	Fe	Do.	
131	----do-----	NW 1/4 NE 1/4 sec. 7, T. 35 N., R. 1 E.	----do-----	Fe	Do.	
132	----do-----	NW 1/4 NW 1/4 sec. 17, T. 35 N., R. 1 E.	----do-----	Fe	Do.	
133	----do-----	Sec. 20, T. 35 N., R. 1 E.	Iron	Fe	Nason, 1892, p. 225.	
134	----do-----	Sec. 35, T. 35 N., R. 1 W.	----do-----	Fe	Do.	
135	----do-----	Sec. 32, T. 35 N., R. 1 E.	----do-----	Fe	Do.	
136	----do-----	Sec. 27, T. 35 N., R. 1 E.	----do-----	Fe	Do.	
137	Burt mine-----	Sec. 2, T. 34 N., R. 1 W.	----do-----	Fe	Crane, 1912, p. 263.	
138	Rogers mine-----	Sec. 2, T. 34 N., R. 1 W.	----do-----	Fe	Crane, 1912, p. 264.	
139	Prospect-----	Sec. 1, T. 34 N., R. 1 W.	----do-----	Fe	Nason, 1892, p. 225.	
140	----do-----	Sec. 1, T. 34 N., R. 1 W.	----do-----	Fe	Do.	
141	----do-----	Sec. 7, T. 34 N., R. 1 E.	----do-----	Fe	Do.	
142	----do-----	Sec. 15, T. 34 N., R. 1 E.	----do-----	Fe	Do.	
143	----do-----	Sec. 27, T. 34 N., R. 1 W.	----do-----	Fe	Do.	
144	----do-----	Sec. 34, T. 34 N., R. 1 W.	----do-----	Fe	Crane, 1912, p. 264.	
145	----do-----	Sec. 8, T. 33 N., R. 1 W.	Reynolds	Fe	Nason, 1892, p. 230.	
146	----do-----	NE 1/4 NW 1/4 sec. 14 T. 31 N., R. 9 W.	Texas	Fe	Crane, 1912, p. 342.	
147	Roger's Mill mine--	NW 1/4 NE 1/4 sec. 23, T. 31 N., R. 9 W.	----do-----	Fe	Do.	
148	Merriam and Pigeon Creek mine.	S 1/2 sec. 28, T. 32 N., R. 7 W.	Dent	Fe	Schmidt, 1873, p. 205.	
149	Sligo Bank mine----	SE 1/4 sec. 23, T. 32 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 231.	
150	Prospect-----	NW 1/4 sec. 9, T. 31 N., R. 6 W.	Shannon	Fe	Crane, 1912, p. 335.	
151	A. J. Seay prospect	Sec. 16, T. 31 N., R. 6 W.	----do-----	Fe	Do.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
152	Current River prospect.	Sec. 16, T. 31 N., R. 6 W.	Shannon	Fe	Schmidt, 1873, p. 206.	
153	Prospect-----	N 1/2 SW 1/4 sec. 10, T. 31 N., R. 6 W.	----do-----	Fe	Nason, 1892, p. 263.	
154	Shannon prospect	Sec. 13, T. 31 N., R. 6 W.	----do-----	Fe	Schmidt, 1873, p. 206.	
155	Missouri Furnace prospect.	SE 1/4 NW 1/4 sec. 13, T. 31 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 334.	
156	Missouri Lumber #34 prospect.	SW 1/4 NE 1/4 sec. 5, T. 30 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 330.	
157	Organ and Swinney mine.	S 1/2 sec. 34, T. 31 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 335.	
158	Organ and Swinney mine.	N 1/2 sec. 22, T. 31 N., R. 5 W.	----do-----	Fe	Do.	
159	Grandon prospect	SW 1/4 sec. 19, T. 31 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 326.	
160	Prospect-----	Sec. 7, T. 31 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 335.	
161	Hurt prospect----	N 1/2 NW 1/4 sec. 17, T. 31 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 327.	
162	Chrisco prospect	SW 1/4 sec. 17, T. 31 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 324.	
163	Woodside prospect	NW 1/4 sec. 21, T. 31 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 332.	
164	Prospect-----	Sec. 21, T. 31 N., R. 4 W.	----do-----	Fe	Nason, 1892, p. 263.	
165	Carr prospect----	E 1/2 NE 1/4 sec. 31, T. 31 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 323.	
166	Piatt prospect---	NW 1/4 sec. 5, T. 30 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 331.	
167	Prospect-----	S 1/2 sec. 34, T. 31 n., R. 4 W.	----do-----	Fe	Crane, 1912, p. 335.	
168	----do-----	N 1/2 sec. 27, T. 31 N., R. 4 W.	----do-----	Fe	Do.	
169	----do-----	N 1/2 sec. 24, T. 31 N., R. 4 W.	----do-----	Fe	Do.	
170	Biser prospect---	NE 1/4 sec. 8, T. 31 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 334.	
171	Carson and James prospect.	NW 1/4 sec. 9, T. 31 N., R. 5 W.	----do-----	Fe	Do.	
172	Swinney prospect	SE 1/4 SE 1/4 sec. 33, T. 32 N., R. 3 W.	Dent	Fe	Crane, 1912, p. 234.	
173	Slater mine-----	SW 1/4 NW 1/4 sec. 3, T. 32 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 231.	
174	Red Hill mine----	S 1/2 sec. 3, T. 32 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 230.	
175	Bunker mine-----	NE 1/4 sec. 24, T. 32 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 233.	
176	Woodside prospect	S 1/2 sec. 15, T. 31 N., R. 3 W.	Shannon	Fe	Crane, 1912, p. 235.	
177	January mine-----	NE 1/4 NE 1/4 sec. 29, T. 32 N., R. 2 W.	Reynolds	Fe	Nason, 1892, p. 230.	
178	Red Ore prospect .	NE 1/4 sec. 20, T. 32 N., R. 2 W.	----do-----	Fe	Crane, 1912, p. 303.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
179	Lesterville prospect	NE 1/4 sec. 8, T. 32 N., R. 2 W.	Reynolds	Fe	Nason, 1892, p. 254.	
180	Brooks prospect-----	Sec. 6, T. 31 N., R. 1 E.	----do-----	Fe	Crane, 1912, p. 304.	
181	Kipp prospect-----	SE 1/4 NE 1/4 sec. 5, T. 32 N., R. 2 E.	----do-----	Fe	Crane, 1912, p. 305.	
182	Prospect-----	NW 1/4 sec. 5, T. 32 N., R. 2 E.	----do-----	Fe	Crane, 1912, p. 306.	
183	Collins #1 prospect	SW 1/4 sec. 4, T. 32 N., R. 2 E.	----do-----	Fe	Crane, 1912, p. 304.	
184	Collins #2 prospect	NE 1/4 NE 1/4 sec. 8, T. 32 N., R. 2 E.	----do-----	Fe	Do.	
185	Government Land #6 prospect.	NW 1/4 sec. 6, T. 29 N., R. 9 W.	Texas	Fe	Crane, 1912, p. 342.	
186	Smith prospect-----	SE 1/4 SW 1/4 sec. 4, T. 30 N., R. 9 W.	----do-----	Fe	Do.	
187	Field Bank mine-----	Sec. 11, T. 30 N., R. 9 W.	----do-----	Fe	Crane, 1912, p. 341-342.	
188	Sutton prospect-----	S 1/2 NE 1/4 sec. 14, T. 30 N., R. 9 W.	----do-----	Fe	Crane, 1912, p. 342.	Missouri Division Geological Survey locates this prospect in section 11.
189	Prospect-----	Sec. 36, T. 28 N., R. 7 W.	----do-----	Fe	Do.	
190	----do-----	NW 1/4 sec. 19, T. 27 N., R. 6 W.	Shannon	Fe	Crane, 1912, p. 335.	
191	Missouri Lumber and Mng. Co. #32 prospect.	NE 1/4 SW 1/4 sec. 24, T. 30 N., R. 6 W.	----do-----	Fe	Crane, 1912, p. 329.	
192	Missouri Lumber and Mng. Co. #33 prospect.	SW 1/4 SW 1/4 sec. 32, T. 30 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 330.	
193	Missouri Lumber and Mng. Co. #15 prospect.	SE 1/4 NW 1/4 sec. 9, T. 29 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 329.	
194	Missouri Lumber and Mng. Co. prospect.	W 1/2 SW 1/4 sec. 3 T. 29 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 334.	
195	Prospect-----	S 1/2 SW 1/4 sec. 10, T. 29 N., R. 5 W.	----do-----	Fe	Do.	
196	Carson and James prospect.	SE 1/4 sec. 15, T. 29 N., R. 4 W.	----do-----	Fe	Do.	
197	Chilton prospect----	NE 1/4 NW 1/4 sec. 27, T. 29 N., R. 4 W.	----do-----	Fe	Do.	
198	West Eminence mine--	NW 1/4 sec. 34, T. 29 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 332.	
199	Embree prospect-----	NW 1/4 NW 1/4 sec. 12 T. 28 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 325.	
200	Prospect-----	SW 1/4 NE 1/4 sec. 6, T. 28 N., R. 3 W.	----do-----	Fe	Nason, 1892, p. 263.	
201	Tripp prospect-----	NE 1/4 SE 1/4 sec. 31 T. 29 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 351.	
202	Deweese prospect----	SW 1/4 NE 1/4 sec. 6, T. 28 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 334.	
203	Prospect-----	NE 1/4 SW 1/4 sec. 17, T. 28 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 335.	
204	Munsell prospect----	N 1/2 NE 1/4 sec. 17, T. 28 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 334.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1°x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
205	Government land #5 prospect.	SE 1/4 NE 1/4 sec. 25, SE 1/4 NE 1/4 sec. 24, T. 28 N., R. 4 W.	Shannon	Fe	Crane, 1912, p. 326.	
206	J. H. Dean prospect	NW 1/4 sec. 30, T. 28 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 325.	
207	Munsell prospect---	SW 1/4 NE 1/4 sec. 22, T. 28 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 334.	
208	William Thomas prospect.	SW 1/4 sec. 15, T. 27 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 335.	
209	Iron Hill mine-----	NE 1/4 SW 1/4 sec. 14, T. 27 N., R. 5 W.	----do-----	Fe	Crane, 1912, p. 327.	
210	South Missouri Land Co. prospect.	S 1/2 sec. 4, T. 27 N., R. 4 W.	----do-----	Fe	Crane, 1912, p. 335.	
211	Willis mine-----	NE 1/4 SE 1/4 sec. 9, T. 27 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 332.	
212	Hearst mine-----	NE 1/4 SW 1/4 sec. 16, T. 27 N., R. 3 W.	----do-----	Fe	Crane, 1912, p. 326-327.	
213	Prospect-----	NE 1/4 NE 1/4 sec. 24, T. 36 N., R. 1 E.	Washington	Fe	Crane, 1912, p. 345.	
214	Desloge prospect---	NE 1/4 sec. 30, T. 36 N., R. 2 E.	----do-----	Fe	Do.	
215	Prospect-----	NE 1/4 sec. 27, T. 36 N., R. 2 E.	----do-----	Fe	Do.	
216	Nicholson mine-----	NE 1/4 sec. 33, T. 36 N., R. 2 E.	----do-----	Fe	Do.	
217	Adams prospect-----	NE 1/4 sec. 4, T. 35 N., R. 2 E.	----do-----	Fe	Crane, 1912, p. 344.	
218	Prewitt Mountain prospect.	Sec. 16, T. 35 N., R. 2 E.	----do-----	Fe	Crane, 1912, p. 345.	
219	Prospect-----	NE 1/4 NE 1/4 sec. 14, T. 35 N., R. 2 E.	----do-----	Fe	Do.	
220	----do-----	SW 1/4 NW 1/4 sec. 13 T. 35 N., R. 2 E.	----do-----	Fe	Do.	
221	Eaton prospect-----	Sec. 9, T. 36 N., R. 3 E.	----do-----	Fe	Schmidt, 1873, p. 198.	
222	Prospect-----	SW 1/4 SE 1/4 sec. 16, T. 36 N., R. 3 E.	----do-----	Fe	Crane, 1912, p. 346.	
223	Irondale prospect--	Sec. 15, T. 36 N., R. 3 E.	----do-----	Fe	Schmidt, 1873, p. 198.	
224	Prospect-----	Sec. 12, T. 37 N., R. 7 E.	Ste. Genevieve	Fe	Crane, 1912, p. 323.	
225	Naeger mine-----	SE 1/4 sec. 11, T. 37 N., R. 8 E.	----do-----	Fe	Do.	
226	Prospect-----	SW 1/4 NW 1/4 sec. 13, T. 35 N., R. 3 E.	Washington	Fe	Crane, 1912, p. 345.	
227	Buford Mountain mine.	Sec. 26, T. 35 N., R. 3 E.	Iron	Fe	Crane, 1912, p. 262.	Veins in Precambrian rocks.
228	Iron Mountain mine	N 1/2 sec. 31, T. 35 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 108-120.	
229	Prospect-----	Sec. 21, T. 34 N., R. 3 E.	----do-----	Fe	Litton, 1855, p. 84.	
230	Cedar Hill mine----	SW 1/4 sec. 19, T. 34 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 136-137; Nason, 1892, p. 336.	In Precambrian rocks.

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
231	Pilot Knob mine----	SW 1/4 sec. 29, T. 34 N., R. 4 E.	Iron	Fe	Crane, 1912, p. 121-131.	Surface mine in Precambrian rocks.
232	Shepherd Mountain mine.	NW 1/4 sec. 31, T. 34 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 131-136; U.S. Geological Survey, 1945.	Veins in Precambrian rocks.
233	Pilot Knob mine----	Sec. 30, T. 34 N., R. 4 E.	----do-----	Fe	U.S. Geological Survey and Missouri Division of Geological Survey, 1967, p. 82; U.S. Geological Survey, 1945.	Underground mine.
234	Greasy mine-----	NE 1/4 SE 1/4 sec. 8, T. 34 N., R. 5 E.	St. Francois	Fe	Buehler, 1913, p. 25-27.	In Precambrian rocks.
235	Russell Mountain mine.	SE 1/4 sec. 3, T. 33 N., R. 3 E.	Iron	Fe	Litton, 1855, p. 83; Crane, 1912, p. 137.	In Precambrian rocks.
236	Lewis Mountain mine	S 1/2 sec. 6, T. 33 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 262.	Do.
237	Shut-In mine-----	Sec. 3, T. 33 N., R. 4 E.	----do-----	Fe	Nason, 1892, p. 320.	Do.
238	Big Bogy Mountain prospect.	SE 1/4 sec. 13, T. 33 N., R. 3 E.	----do-----	Fe	Litton, 1855, p. 83.	
239	Buford prospect----	NE 1/4 sec. 24, T. 33 N., R. 3 E.	----do-----	Fe	Do.	
240	St. Clair prospect	NW 1/4 sec. 6, T. 33 N., R. 6 E.	Madison	Pyrite	Grawe, 1945, p. 366.	In Precambrian rocks.
241	Prospect-----	W 1/2 NW 1/4 sec. 34 T. 33 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 269.	
242	Matthew's Mountain prospect.	SE 1/4 sec. 3, T. 32 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 268.	
243	Ford prospect-----	Sec. 31, T. 33 N., R. 7 E.	----do-----	Fe	Nason, 1892, p. 246.	
244	Foster mine-----	NE 1/4 SE 1/4 sec. 16, T. 33 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 267-268.	
245	Valle mine-----	NE 1/4 SE 1/4 sec. 21, T. 33 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 269.	
246	McCall prospect----	Secs. 14 and 15, T. 33 N., R. 7 E.	----do-----	Pyrite	Grawe, 1945, p. 366.	
247	Parkin prospect----	NW 1/4 sec. 1, T. 33 N., R. 7 E.	----do-----	Pyrite	Do.	
248	Prospect-----	Sec. 7, T. 35 N., R. 8 E.	Ste. Genevieve	Fe	Crane, 1912, p. 323.	
249	Clay mine-----	E 1/2 NW 1/4 sec. 25, T. 33 N., R. 7 E.	Madison	Fe, pyrite	Crane, 1912, p. 267; Grawe, 1945, p. 353.	
250	Mine La Motte #2 mine.	SW 1/4 SE 1/4 sec. 35, T. 33 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 268.	
251	Starkey mine-----	SE 1/4 SW 1/4 SW 1/4 sec. 5, T. 32 N., R. 8 E.	----do-----	Pyrite	Grawe, 1945, p. 364.	
252	Shrum mine-----	NW 1/4 SW 1/4 sec. 11, T. 32 N., R. 8 E.	Bollinger	Fe	Crane, 1912, p. 161.	
253	Poblick prospect---	Secs. 23 and 24, T. 32 N., R. 8 E.	----do-----	Fe	Nason, 1892, p. 233.	
254	Fox prospect-----	NW 1/4 SE 1/4 sec. 23, T. 32 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 160.	
255	Pavlick prospect---	SW 1/4 SW 1/4 sec. 26, T. 32 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 156.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
256	Lux mine-----	SW 1/4 SW 1/4 sec. 24, T. 32 N., R. 8 E.	Bollinger	Fe	Crane, 1912, p. 155.	
257	Evans prospect-----	SE 1/4 SW 1/4 sec. 8, T. 29 N., R. 1 E.	Reynolds	Fe	Crane, 1912, p. 305.	
258	Evans-Johnson prospect.	NW 1/4 SE 1/4 sec. 8, T. 29 N., R. 1 E.	----do-----	Fe	Crane, 1912, p. 304.	
259	Sutton prospect----	SW 1/4 sec. 34, T. 30 N., R. 1 E.	----do-----	Fe	Crane, 1912, p. 306.	
260	Missouri Lumber and Mining Co. #2 prospect.	S 1/2 sec. 34, T. 30 N., R. 1 E.	----do-----	Fe	Do.	
261	Laclede Lumber Co. prospect.	Sec. 19, T. 30 N., R. 2 E.	----do-----	Fe	Crane, 1912, p. 304.	
262	Lone Star prospect	SW 1/4 sec. 2, T. 28 N., R. 1 E.	----do-----	Fe	Crane, 1912, p. 306.	
263	Missouri Lumber and Mining Co. #1 prospect.	S 1/2 sec. 12, T. 29 N., R. 1 E.	----do-----	Fe	Crane, 1912, p. 305.	
264	David Shaw prospect	SE 1/4 sec. 6, T. 27 N., R. 1 E.	Carter	Fe	Nason, 1892, p. 337.	
265	Prospect-----	SE 1/4 NE 1/4 sec. 5, T. 27 N., R. 2 W.	----do-----	Fe	Crane, 1912, p. 201.	
266	----do-----	NE 1/4 sec. 17, T. 27 N., R. 2 W.	----do-----	Fe	Do.	
267	----do-----	SE 1/4 NW 1/4 sec. 16, T. 27 N., R. 2 W.	----do-----	Fe	Do.	
268	----do-----	E 1/2 sec. 2, T. 27 N., R. 2 E.	----do-----	Fe	Do.	
269	Graves mine-----	SE 1/4 NE 1/4 sec. 10, T. 30 N., R. 3 E.	Iron-----	Fe	Crane, 1912, p. 264.	
270	Prospect-----	SE 1/4 SE 1/4 sec. 2, T. 30 N., R. 3 E.	----do-----	Fe	Do.	
271	----do-----	SE 1/4 SE 1/4 sec. 36, T. 31 N., R. 5 E.	Madison	Fe	Crane, 1912, p. 269.	
272	----do-----	Sec. 29, T. 31 N., R. 7 E.	----do-----	Fe	Do.	
273	Deal prospect-----	Sec. 2, T. 31 N., R. 8 E.	Bollinger	Fe	Nason, 1892, p. 233.	
274	Gilmore (Gilman) mine.	SE 1/4 NW 1/4 sec. 1, T. 31 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 154; Nason, 1892, p. 234.	
275	Whitener mine-----	NW 1/4 SW 1/4 sec. 2, T. 31 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 158.	
276	Richards mine-----	NE 1/4 SW 1/4 sec. 2, T. 31 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 157.	
277	Nifong prospect----	SE 1/4 sec. 2, T. 31 N., R. 8 E.	----do-----	Fe	Nason, 1892, p. 233.	
278	Rogers prospect----	NE 1/4 SW 1/4 sec. 11, T. 31 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 157.	
279	Rhodes mine-----	SW 1/4 SW 1/4 sec. 14, T. 31 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 156-157.	
280	McGregor prospect--	NW 1/4 sec. 29, T. 31 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 162.	
281	Robbins prospect---	NW 1/4 NE 1/4 sec. 10, T. 31 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 161.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
282	Anderson prospect--	SW 1/4 sec. 3, T. 29 N., R. 3 E.	Wayne	Fe	Crane, 1912, p. 347.	
283	Bear Mountain prospect.	NW 1/4 sec. 2, T. 29 N., R. 3 E.	----do-----	Fe	Crane, 1912, p. 348.	
284	Anderson mine-----	Sec. 2, T. 29 N., R. 3 E.	----do-----	Fe	Do.	
285	Prospect-----	Sec. 23, T. 29 N., R. 3 E.	----do-----	Fe	Nason, 1892, p. 278.	
286	Guest Bank prospect	NE 1/4 sec. 35, T. 29 N., R. 3 E.	----do-----	Fe	Crane, 1912, p. 354.	
287	Daniel mine-----	SE 1/4 sec. 25, T. 29 N., R. 3 E.	----do-----	Fe	Crane, 1912, p. 352.	
288	Guest Land prospect	NE 1/4 sec. 36, T. 29 N., R. 3 E.	----do-----	Fe	Crane, 1912, p. 355.	
289	Cedar Bay mine-----	Secs. 14 and 23, T. 28 N., R. 3 E.	----do-----	Fe	Crane, 1912, p. 351; Nason, 1892, p. 269.	
290	Gilvy prospect-----	SE 1/4 sec. 26, T. 28 N., R. 3 E.	----do-----	Fe	Schmidt, 1873, p. 198.	
291	Crane prospect-----	N 1/2 SE 1/4 E 1/2 SW 1/4 sec. 36, T. 28 N., R. 3 E.	----do-----	Fe	Do.	
292	Wells mine-----	Sec. 11, T. 27 N., R. 3 E.	----do-----	Fe	U.S. Bureau Mines, 1943.	
293	Kister prospect----	NE 1/4 NW 1/4 sec. 35, T. 30 N., R. 4 E.	----do-----	Fe	Nason, 1892, p. 272.	
294	Yancey Mountain prospect.	NW 1/4 NE 1/4 sec. 35, T. 30 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 369.	
295	Iron Knob prospect	W 1/2 SE 1/4 sec. 5, T. 29 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 347.	In Precambrian rocks.
296	Cheeney prospect---	NE 1/4 SE 1/4 sec. 21, T. 29 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 346-347.	Do.
297	Early prospect-----	SE 1/4 sec. 6, T. 28 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 352.	
298	O'Keefe #4 mine----	NW 1/4 SE 1/4 sec. 16, T. 27 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 380.	
299	Knox mine-----	NW 1/4 SE 1/4 sec. 3, T. 27 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 360.	
300	O'Keefe prospect---	N 1/2 SE 1/4 sec. 10, T. 27 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 363.	
301	O'Keefe #1 mine----	NE 1/4 NW 1/4 sec. 12 T. 27 N., R. 4 E.	----do-----	Fe	Do.	
302	Buffington mine----	NW 1/4 SE 1/4 sec. 13, T. 27 N., R. 4 E.	----do-----	Fe	Crane, 1912, p. 349.	
303	Adams prospect-----	Sec. 4, T. 30 N., R. 5 E.	----do-----	Fe	U.S. Bureau Mines, 1943a.	
304	Barnes mine-----	Sec. 4, T. 30 N., R. 5 E.	----do-----	Fe	Do.	
305	Kinkad prospect----	SW 1/4 SE 1/4 sec. 13, T. 30 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 359-360.	On granite hill.
306	Kelly prospect-----	W 1/2 NE 1/4 sec. 24, T. 30 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 359.	Near bottom of granite hill.
307	Rubottom prospect--	Sec. 10, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 365.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
308	Dalton prospect-----	Sec. 11, T. 28 N., R. 5 E.	Wayne	Fe	Crane, 1912, p. 352.	
309	Clubb mine-----	NW 1/4 NW 1/4 sec. 23, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 351.	
310	Alley; Sutton mines	E 1/2 sec. 23, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 347, 368.	
311	Bennett prospect----	Sec. 26, T. 28 N., R. 5 E.	----do-----	Fe	Nason, 1892, p. 278.	
312	Hilda; Switchback---	SW 1/4 sec. 28, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 375, 385.	
313	Bingham mine-----	S 1/2 SW 1/4 sec. 27, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 348-349.	
314	Harness and Lundy---	NE 1/4 NW 1/4 sec. 34, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 355.	
315	Wooden Shoe mine----	E 1/2 SE 1/4 sec. 33, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 357.	
316	King mine-----	W 1/2 SW 1/4 sec. 34, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 359.	
317	Sawyer mine-----	N 1/2 NW 1/4 sec. 34, T. 28 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 365.	
318	Haynie; Clarkson prospects.	Sec. 5, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 355.	
319	Prospect-----	Sec. 4, T. 27 N., R. 5 E.	----do-----	Fe	Nason, 1892, p. 278.	
320	Otter Creek-----	SW 1/4 N 1/2 SE 1/4 sec. 3, and NE 1/4 sec. 4, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 364.	
321	Railroad prospect---	Sec. 8, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 365.	
322	Bowman and Bossanbin prospects.	SW 1/4 sec. 9, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 372.	
323	Prospect-----	Sec. 9, T. 27 N., R. 5 E.	----do-----	Fe	Nason, 1892, p. 278.	
324	Crawford mine-----	W 1/2 NE 1/4 sec. 17, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 373.	
325	Williamsville mine---	W 1/2 NW 1/4 sec. 20, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 369.	
326	Shipton mine-----	SW 1/4 SE 1/4 sec. 14, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 367.	
327	Childress mine-----	NE 1/4 NE 1/4 sec. 11, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 112, p. 351.	
328	Smoot-----	S 1/2 sec. 1, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 367.	
329	Janis mine-----	NW 1/4 sec. 1, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 357-358.	
330	Stevenson prospect--	NW 1/4 NW 1/4 sec. 12, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 367.	
331	Forbes mine-----	SE 1/4 NW 1/4 sec. 12, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 354.	
332	Morgan mine-----	N 1/2 SE 1/4 sec. 12, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 361-362.	
333	Sanders mine-----	NE 1/4 NE 1/4 sec. 24, T. 27 N., R. 5 E.	----do-----	Fe	Crane, 1912, p. 365.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
334	Jennie mine-----	SW 1/4 sec. 5, T. 29 N., R. 6 E.	Wayne	Fe	Crane, 1912, p. 375.	
335	White mine-----	S 1/2 NW 1/4 sec. 20, T. 29 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 387.	
336	Myers mine-----	E 1/2 SE 1/4 sec. 20, T. 29 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 379.	
337	Burton mine-----	W 1/2 SW 1/4 sec. 21, T. 29 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 372.	
338	Twidwell mine-----	NE 1/4 SW 1/4, NW 1/4 SE 1/4 sec. 30, T. 29 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 385.	
339	White prospect-----	NW 1/4 SE 1/4 sec. 29, T. 29 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 386.	
340	Haggard prospect----	SW 1/4 SW 1/4 sec. 28, T. 29 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 374-375.	
341	Zippy mine-----	NW 1/4 SW 1/4 sec. 27, T. 29 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 387.	
342	St. Francois mine---	NE 1/4 sec. 5, T. 28 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 384-385.	
343	Reese Creek prospect	Sec. 5, T. 28 N., R. 6 E.	----do-----	Fe	Nason, 1892, p. 275.	
344	Bennett-Smith mine--	W 1/2 NE 1/4 sec. 8, T. 28 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 371.	
345	Sneathen prospect---	SW 1/4 sec. 8, T. 28 N., R. 6 E.	----do-----	Fe	Nason, 1892, p. 276.	
346	Warmuck prospect----	NE 1/4 SE 1/4 sec. 8, T. 28 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 386.	
347	Atkins prospect-----	NW 1/4 sec. 19, T. 28 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 370.	
348	Berry #1 and 2 prospects.	Sec. 15, T. 28 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 371.	
349	Sneathen #2 and 3 prospects.	Sec. 22, T. 28 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 382.	
350	Dickson mine-----	NW 1/4 sec. 6, T. 27 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 352.	
351	Joseph Deaton prospect.	Sec. 7, T. 27 N., R. 6 E.	----do-----	Fe	Nason, 1892, p. 336.	
352	Frederick mine-----	SW 1/4 sec. 18, T. 27 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 354.	
353	Ozark prospect-----	Sec. 17, T. 27 N., R. 6 E.	----do-----	Fe	Nason, 1892, p. 274.	
354	Prospect-----	C. sec. 17, T. 27 N., R. 6 E.	----do-----	Fe	Nason, 1892, p. 278.	
355	Fox Den mine-----	Sec. 9, T. 27 N., R. 6 E.	----do-----	Fe	U.S. Bureau of Mines, 1943a, p. 7-8.	Produced 140,000 tons of ore.
356	Garrison prospect---	NE 1/4 sec. 2, T. 27 N., R. 6 E.	----do-----	Fe	Crane, 1912, p. 373.	
357	Lambert prospect----	NW 1/4 SW 1/4 sec. 5, T. 29 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 376.	
358	Higgins mine-----	SW 1/4 SE 1/4 sec. 5, T. 29 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 356.	
359	McKenzie mine-----	NE 1/4 SE 1/4 sec. 7, T. 29 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 361.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
360	Long and Colby mine	NW 1/4 NE 1/4 sec. 18, T. 29 N., R. 7 E.	Wayne	Fe	Crane, 1912, p. 377.	
361	Wayne prospect-----	NE 1/4 NW 1/4 sec. 8, T. 29 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 386.	
362	Speer's Mountain prospect.	NW 1/4 sec. 3, T. 29 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 384.	
363	Lilly Hollow mine--	SW 1/4 SE 1/4 sec. 9, T. 29 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 376.	
364	Barker prospect----	SW 1/4 NE 1/4 sec. 31, T. 29 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 371.	
365	Perr Bennett prospect.	Sec. 30, T. 28 N., R. 7 E.	----do-----	Fe	Nason, 1892, p. 336.	
366	Smith and Anderson prospects.	Sec. 6, T. 27 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 370, 381.	
367	Shaw prospect-----	SE 1/4 sec. 6, T. 27 N., R. 7 E.	----do-----	Fe	Do.	
368	Neighbors prospect	SE 1/4 sec. 6, T. 27 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 379.	
369	Jones prospect-----	Sec. 3, T. 27 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 376.	
370	Northwest Con- solidated #1 and 2 prospects.	NE 1/4 sec. 9, and SW 1/4 sec. 10, T. 27 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 379.	
371	Moss and Clarkson prospect.	N 1/2 sec. 10, T. 27 N., R. 7 E.	----do-----	Fe	Crane, 1912, p. 378.	
372	Mason and Clarkson prospect.	E 1/2 sec. 16, T. 27 N., R. 7 E.	----do-----	Fe	Nason, 1892, p. 272.	
373	Moss prospect-----	Sec. 6, T. 27 N., R. 8 E.	----do-----	Fe	Nason, 1892, p. 336.	
374	Myers prospect-----	SE 1/4 NE 1/4 sec. 32, T. 30 N., R. 8 E.	Bollinger	Fe	Crane, 1912, p. 156.	
375	Howell prospect----	NW 1/4 NE 1/4 sec. 26, T. 29 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 155.	
376	Prospect-----	NW 1/4 NW 1/4 sec. 25, T. 29 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 163.	
377	Dondore prospects--	Secs. 7, 17, and 18 T. 28 N., R. 8 E.	----do-----	Fe	Crane, 1912, p. 159.	
378	Creder prospect----	Sec. 1, T. 30 N., R. 9 E.	----do-----	Fe	Schmidt, 1873, p. 199.	
379	Glenn Emma mine----	NE 1/4 NW 1/4 sec. 16, T. 30 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 160.	
380	Lutes and unnamed prospects.	E 1/2 sec. 10, and NE 1/4 NW 1/4 sec. 11, T. 30 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 162; Nason, 1892, p. 234.	
381	Orth and Lewering prospect.	Secs. 12 and 13, T. 30 N., R. 9 E.	----do-----	Fe	Schmidt, 1873, p. 199.	
382	Francis prospect---	Sec. 25, T. 30 N., R. 9 E.	----do-----	Fe	Do.	
383	Eli Lutes prospects	SW 1/4 SE 1/4 sec. 25, T. 30 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 155.	
384	Gaines prospect----	NW 1/4 SE 1/4 sec. 35, T. 30 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 154.	
385	Critts prospect----	SW 1/4 SW 1/4 sec. 36, T. 30 N., R. 9 E.	----do-----	Fe	Do.	

Table 2.--Location and reference information for iron and pyrite prospects in the
Rolla 1° x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
386	Prospect-----	Sec. 3, T. 29 N., R. 9 E.	Bollinger	Fe	Crane, 1912, p. 162.	
387	Prospects-----	Sec. 2, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 163.	
388	----do-----	Sec. 1, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 162-163.	
389	Prospect-----	Sec. 9, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 163.	
390	Revelle and Shell prospects.	NE 1/4 SW 1/4 and NE 1/4 SE 1/4 sec. 10, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 157, 161.	
391	Prospect-----	NW 1/4 SE 1/4 sec. 21, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 163.	
392	----do-----	Sec. 23, T. 29 N., R. 9 E.	----do-----	Fe	Do.	
393	----do-----	SW 1/4 NW 1/4 sec. 31, T. 29 N., R. 9 E.	----do-----	Fe	Do.	
394	----do-----	SW 1/4 SW 1/4 sec. 27, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 162.	
395	Boyer prospect---	SE 1/4 NW 1/4 sec. 34, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 159.	
396	Prospect-----	SW 1/4 SE 1/4 sec. 34, T. 29 N., R. 9 E.	----do-----	Fe	Crane, 1912, p. 162.	
397	Prospects-----	Sec. 35, T. 29 N., R. 9 E.	----do-----	Fe	Do.	
398	Murphy mine-----	E 1/2 sec. 8, T. 27 N., R. 9 E.	Stoddard	Fe	Crane, 1912, p. 338.	
399	Burger mine-----	Sec. 17, T. 27 N., R. 9 E.	----do-----	Fe	Nason, 1892, p. 335.	

Table 3.--Location and reference information for manganese and tungsten-silver-manganese-tin
mines and prospects in the Rolla 1°x 2° quadrangle, Missouri

Map No.	Name	Location	County	Commodities	Reference	Comments
1	Lindsay Carter prospect.	SE1/4 sec. 9, T. 33 N., R. 2 E.	Reynolds	Mn	Grawe, 1943, p. 67	In Precambrian porphyry.
2	Lindsay mine-----	NE1/4SW1/4SW1/4 sec. 16, T. 33 N., R. 2 E.	----do-----	Mn	Grawe, 1943, p. 59-61	Do.
3	J. C. Miller prospect.	NW1/4NW1/4 sec. 33, T. 33 N., R. 2 E.	----do-----	Mn	Grawe, 1943, p. 61	Do.
4	Fred Swearingim prospect.	W1/2SE1/4SW1/4 sec. 19, T. 33 N., R. 3 E.	Iron County	Mn	Grawe, 1943, p. 45	Do.
5	Marr prospect-----	NW1/4NE1/4NW1/4 sec. 33, T. 33 N., R. 3 E.	----do-----	Mn	Grawe, 1943, p. 46	In Gasconade Dolomite.
6	Prospect-----	Sec. 4, T. 32 N., R. 3 E.	----do-----	Mn	Heyl and others, 1965	
7	Russell prospect--	NW1/4NW1/4 sec. 19, T. 33 N., R. 4 E.	----do-----	Mn, Fe	Grawe, 1943, p. 44-45	In Precambrian volcanic rocks.
8	Cuthbertson mine--	S1/2NE1/4NW1/4 and N1/2SE1/4NW1/4 sec. 19, T. 33 N., R. 4 E.	----do-----	Mn, Fe	Grawe, 1943, p. 40-44	In Precambrian tuffs interbedded with limestone.
9	Pilot Knob mine---	NW1/4SE1/4 sec. 18, T. 33 N., R. 4 E.	----do-----	Mn, Fe	Grawe, 1943, p. 44	In Precambrian tuffs.
10	Einstein mine-----	S1/2 sec. 12, T. 33 N., R. 5 E.	Madison	W, Pb, Ag, Mn, Fl, Sn	Tolman, 1933	In Precambrian igneous rocks.
11	Silver mine area mines and prospects.	Secs. 12, 13, and 14, T. 33 N., R. 5 E.	----do-----	W, Pb, Ag, Mn, Fl, Sn	----do-----	Do.
12	Prospect-----	NE1/4SW1/4 sec. 11, T. 33 N., R. 6 E.	----do-----	Mn	Grawe, 1943, p. 57	
13	Elza White prospect	NW1/4NW1/4SW1/4 sec. 32, T. 34 N., R. 8 E.	----do-----	Mn	Do.	
14	Clover mine-----	SW1/4NW1/4NW1/4 sec. 30, T. 33 N., R. 8 E.	----do-----	Mn, Fe	Grawe, 1943, p. 49-53	
15	Buxton prospect---	SW1/4NE1/4 sec. 2, T. 32 N., R. 7 E.	----do-----	Mn	Grawe, 1943, p. 48-49	
16	Cook prospect-----	NE1/4NW1/4SW1/4 sec. 12, T. 32 N., R. 7 E.	----do-----	Mn	Grawe, 1943, p. 53-55	
17	Prospect-----	NE1/4 sec. 28 T. 31 N., R. 2 W.	Reynolds	Mn	Grawe, 1943, p. 68	
18	----do-----	W1/2SE1/4SE1/4 sec. 9, T. 31 N., R. 4 E.	Iron	Mn, Fe	Grawe, 1943, p. 46	
19	Phillips prospect	W1/2NE1/4NE1/4 sec. 10, T. 31 N., R. 5 E.	Madison	Mn	Grawe, 1943, p. 55-56	
20	Otto Senter prospect.	SE1/4SE1/4 sec. 29, and NE1/4NE1/4NW1/4 sec. 32, T. 31 N., R. 7 E.	----do-----	Mn	Grawe, 1943, p. 56-57	
21	Prospect-----	SW1/4 sec. 14, T. 31 N., R. 7 E.	----do-----	Mn	Grawe, 1943, p. 57	
22	----do-----	NE1/4SW1/4 sec. 8, T. 30 N., R. 2 E.	Reynolds	Mn	Grawe, 1943, p. 67	

Table 3.--Location and reference information for manganese and tungsten-silver-manganese-tin
mines and prospects in the Rolla 1°x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
23	Prospect-----	SE1/4SE1/4NE1/4 sec. 30, T. 30 N., R. 2 E.	Reynolds	Mn	Grawe, 1943, p. 67	
24	----do-----	SE1/4SE1/4SE1/4 sec. 2, T. 29 N., R. 3 W.	Shannon	Mn	Grawe, 1943, p. 77	
25	----do-----	SE1/4 sec. 12, T. 29 N., R. 2 W.	----do-----	Mn	Do.	
26	----do-----	SE1/4SE1/4 sec. 29, T. 29 N., R. 1 W.	----do-----	Mn	Grawe, 1943, p. 76	
27	----do-----	NW1/4NW1/4 sec. 35, T. 29 N., R. 1 W.	Reynolds	Mn	Grawe, 1943, p. 77	
28	Carter Buford prospect.	Center N1/2 sec. 26, T. 29 N., R. 1 W.	----do-----	Mn	Grawe, 1943, p. 59	
29	McCaw-Nash pros- pects. 80 test pits.	SW1/4SE1/4 sec. 11, T. 29 N., R. 1 W.	----do-----	Mn	Grawe, 1943, p. 61-67	
30	Prospect-----	NE1/4 sec. 25, T. 29 N., R. 1 W.	----do-----	Mn	Grawe, 1943, p. 67	
31	----do-----	SW1/4 sec. 8, T. 28 N., R. 4 W.	Shannon	Mn	Grawe, 1943, p. 77	
32	----do-----	SW1/4SW1/4NW1/4 sec. 17, T. 28 N., R. 4 W.	----do-----	Mn	Do.	
33	Culpepper prospect	SW1/4SW1/4SE1/4 sec. 2, T. 28 N., R. 4 W.	----do-----	Mn	Grawe, 1943, p. 69-70	
34	Prospect-----	NE1/4SE1/4 sec. 24, T. 28 N., R. 4 W.	----do-----	Mn	Grawe, 1943, p. 77	
35	----do-----	NE1/4NE1/4 sec. 18, T. 28 N., R. 3 W.	----do-----	Mn	Do.	
36	Reeves prospect---	SW1/4NW1/4NE1/4 sec. 11, T. 28 N., R. 3 W.	----do-----	Mn	Grawe, 1943, p. 73-74	In Precambrian rhyolite.
37	Daniels prospect--	SW1/4NW1/4 sec. 14, T. 28 N., R. 3 W.	----do-----	Mn	Grawe, 1943, p. 70-71	Do.
38	Elliot prospect---	SE1/4NW1/4NW1/4 sec. 35, T. 28 N., R. 3 W.	----do-----	Mn	Grawe, 1943, p. 71-72	Do.
39	Prospect-----	S1/2NW1/4 sec. 25, T. 28 N., R. 3 W.	----do-----	Mn	Grawe, 1943, p. 77	
40	Ross prospect-----	NE1/4SE1/4NE1/4 sec. 36, T. 28 N., R. 3 W.	----do-----	Mn	Grawe, 1943, p. 74	In Precambrian rhyolite.
41	Prospect-----	Sec. 36, T. 28 N., R. 3 W.	----do-----	Mn	Grawe, 1943, p. 77	
42	Liberty School prospect.	NE1/4NE1/4NW1/4 sec. 8, T. 28 N., R. 2 W.	----do-----	Mn	Grawe, 1943, p. 72-73	In Precambrian rocks.
43	Thorny Mountain mine.	SW1/4NE1/4SE1/4 sec. 8, T. 28 N., R. 2 W.	----do-----	Mn	Grawe, 1943, p. 74-76	Do.
44	Prospect-----	NE1/4NE1/4NE1/4 sec. 17, T. 28 N., R. 2 W.	----do-----	Mn	Grawe, 1943, p. 77	Do.
45	Henry Peck prospect	NE1/4NW1/4 sec. 19, T. 28 N., R. 2 W.	Carter	Mn	Grawe, 1943, p. 37	

Table 3.--Location and reference information for manganese and tungsten-silver-manganese-tin
mines and prospects in the Rolla 1°x 2° quadrangle, Missouri--Continued

Map No.	Name	Location	County	Commodities	Reference	Comments
46	Turley prospect---	NW1/4NW1/4 sec. 31, T. 28 N., R. 2 W.	Carter	Mn	Grawe, 1943, p. 35-36	
47	Prospect-----	SW1/4NE1/4SW1/4 sec. 17, T. 27 N., R. 4 W.	Shannon	Mn	Grawe, 1943, p. 77	
48	----do-----	W1/2SE1/4 sec. 8, T. 27 N., R. 4 W.	----do-----	Mn	Do.	
49	----do-----	SW1/4NE1/4NW1/4 sec. 6, T. 27 N., R. 2 W.	Carter	Mn	Grawe, 1943, p. 37	
50	Foster prospect---	NW1/4 sec. 3, T. 27 N., R. 2 W.	----do-----	Mn	Grawe, 1943, p. 35	
51	Prospect-----	Sec. 13, T. 28 N., R. 1 W.	Reynolds	Mn	Heyl and others, 1965	
52	----do-----	NE1/4NW1/4 sec. 9, T. 28 N., R. 1 E.	----do-----	Mn	Grawe, 1943, p. 67	
53	----do-----	SE1/4NE1/4 sec. 33, T. 28 N., R. 1 E.	----do-----	Mn	Do.	
54	----do-----	SE1/4NW1/4 sec. 34, T. 28 N., R. 1 E.	----do-----	Mn	Do.	
55	----do-----	Sec. 3, T. 27 N., R. 2 E.	Carter	Mn	Heyl and others, 1965	

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