

APPENDIX-Database of Arkansas Critical Mineral Site Locations

ID	LOCATIONID	COUNTY	COMMODITY	TOPO MAP	SECTION	TOWNSHIP	RANGE	LAT	LONG	MINE/ SITE NAME	AKA	OPERATOR	CONTACT	ADDRESS	PHONE #	ROCK UNIT	STATUS	DATASOURCE	DATE	NOTES
1	280	Clark	antimony	Caddo Valley, DeGray	3*	6S	20W	34.24271	-93.12501	Prospect						Stanley	Ab	USBM Bull. 645	07/19/01	stibnite, pyrite in mineralized zone in adit; under Lake DeGray, *lat./lon. estimated near center of section from USBM Bull. 645
2	5118	Sevier	antimony	Gillham Dam	6	7S	30W	34.18016	-94.24186	Antimony Bluff mine						Stanley	Ab	AGC IC 24, USBM Bull. 645	08/13/01	
3	5119	Sevier	antimony	Gillham Dam	1	7S	31W	34.18319	-94.25479	Harrell prospect						Stanley	Ab	AGC IC 24, USBM Bull. 645	08/13/01	opened for gold on pyrite show; no antimony or gold present
4	5120	Sevier	antimony	Gillham Dam	5	7S	30W	34.18058	-94.22062	Conboy mine						Stanley	Ab	AGC IC 24, USBM Bull. 645	08/13/01	inclined shaft and adit, stibnite, 50 tons production
5	5121	Sevier	antimony	Gillham Dam	5	7S	30W	34.18051	-94.21615	Unnamed prospect 6						Stanley	Ab	AGC IC 24	08/13/01	
6	5122	Sevier	antimony	Gillham Dam	5	7S	30W	34.18076	-94.21227	Unnamed prospect 5						Stanley	Ab	AGC IC 24	08/13/01	
7	5123	Sevier	antimony	Gillham Dam	5	7S	30W	34.18208	-94.21012	Unnamed prospect 4						Stanley	Ab	AGC IC 24	08/13/01	
8	5124	Sevier	antimony	Gillham Dam	5	7S	30W	34.18229	-94.20924	Stewart mine						Stanley	Ab	AGC IC 24, USBM Bull. 645	08/13/01	trench, shaft and drifts, stibnite, 1000 tons production
9	5125	Sevier	antimony	Gillham Dam	4	7S	30W	34.18236	-94.20582	Unnamed prospect 2						Stanley	Ab	AGC IC 24	08/13/01	
10	5126	Sevier	antimony	Gillham Dam	4	7S	30W	34.18302	-94.2	May mines						Stanley	Ab	AGC IC 24, USBM Bull. 645	08/13/01	multiple shafts on east-west trend, stibnite, 1510 tons production
11	5127	Sevier	antimony	Gillham	11	7S	31W	34.17194	-94.26296	Harrell mines						Stanley	Ab	AGC IC 24	10/10/01	multiple shafts, pit, and trenches on east-west trend of quartz vein for 1500 feet; stibnite
12	5128	Sevier	antimony	Gillham	11	7S	31W	34.17435	-94.27665	Wolfton mine	Bob Wolf					Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	2 shafts, now filled; stibnite; 100 tons production
13	5129	Sevier	antimony	Gillham	10	7S	31W	34.1743	-94.2808	Werner No. 2 prospect						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	shaft, stibnite
14	5130	Sevier	antimony	Gillham	10	7S	31W	34.17263	-94.28879	Poor Boy mine						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	3 shafts, numerous prospect pits on an east-west trend, drift and stope; stibnite; 40 tons production
15	5131	Sevier	antimony	Gillham	10	7S	31W	34.17263	-94.29123	Werner No. 1 prospect						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	2 shafts on same trend as the Poor Boy mine and 1 shaft about 500 feet north; stibnite; 100 tons production
16	5132	Sevier	antimony	Gillham	20	7S	31W	34.13817	-94.32209	Valley mines						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	2 shafts, now filled and 2 prospect pits; stibnite; 100 tons produced
17	5133	Sevier	antimony	Gillham	20	7S	31W	34.13735	-94.32587	Otto mine						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	filled shaft; stibnite; 2,500 tons produced
18	5134	Sevier	antimony	Gillham	20	7S	31W	34.13705	-94.32997	Werner prospect						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	several prospect pits, minor show of quartz
19	5135	Sevier	antimony	Gillham	20	7S	31W	34.13637	-94.33096	Unnamed prospect						Stanley	Ab	AGC IC 24	10/10/01	6 pits, trenches and 1 shaft between the Werner prospect and Brewer mine
20	5136	Sevier	antimony	Gillham	19	7S	31W	34.13598	-94.33184	Brewer mine						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	shaft with drift and stopes, stibnite, 75 tons production
21	5137	Sevier	antimony	Gillham	19	7S	31W	34.13559	-94.3363	Mickle prospect						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	3 shafts
22	5138	Sevier	antimony	Gillham	26	7S	32W	34.12946	-94.36891	Hankins prospect						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	filled shaft, show of antimony oxides
23	5139	Sevier	antimony	Gillham	26	7S	32W	34.12877	-94.37057	Lignitz prospect						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	filled shaft, shallow trench and small shallow pits
24	5140	Sevier	antimony	Gillham Dam	6*	7S	30W	34.18967	-94.23917	Blucher Bluff						Stanley	Ab	AGC IC 24	10/10/01	*lat/lon estimated from description in AGC IC 24
25	5141	Sevier	antimony	Gillham	11*	7S	31W	34.17551	-94.26749	Jordan workings						Stanley	Ab	AGC IC 24	10/10/01	*lat/lon estimated from description in AGC IC 24
26	5142	Sevier	antimony	Gillham	3*	7S	31W	34.1822	-94.28929	Antimony Bluff mine						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	shaft, stibnite, 200 pounds produced; a quartz zone 2 feet thick contained from 2 - 6 inches stibnite; *lat/lon estimated from description in USBM Bull. 645
27	5143	Sevier	antimony	Gillham	3*	7S	31W	34.18211	-94.2936	Clark						Stanley	Ab	AGC IC 24, USBM Bull. 645	10/10/01	shaft; *lat/lon estimated from description in USBM Bull. 645
28	5144	Sevier	antimony	Gillham	19*	7S	31W	34.13439	-94.3415	Daisy shaft						Stanley	Ab	AGC IC 24	10/10/01	shaft; *lat/lon estimated from description in AGC IC 24
29	5145	Sevier	antimony	Gillham Dam	8*	7S	30W	34.16988	-94.21753	Gulch shaft						Stanley	Ab	AGC IC 24	10/10/01	shaft; *section not known for certain, lat/lon is on center of section 8
30	1615	Howard	barite	Dierks	6	8S	28W	34.10178	-94.0316	Cherry deposit						Trinity Gp	Ab	AGC IC 18, USBM Bull. 645, Topo map 1966, AGC 2006 field data	08/10/01	barite cementing sandstone and gravel, noted on topo map as gravel pit, site full of trash
31	1616	Howard	barite	Dierks	31	7S	28W	34.10328	-94.02958	Gravel pit						Trinity Gp	R	Topo map 1966, AGC 2006 field data	08/13/01	noted on topo map as gravel pit, site destroyed recently by clearcutting and logging
32	1617	Howard	barite	Newhope	19	7S	27W	34.13276	-93.91026	No name						Trinity Gp	Ab	USBM Bull. 645, AGC 2006 field data	08/13/01	barite cementing Pike gravel
33	1618	Howard	barite	Newhope	24	7S	28W	34.14014	-93.94178	No name						Trinity Gp	R	AGC 2006 field data	04/17/06	pond; barite cementing gravel exposed as ledge on west side of pit next to road

APPENDIX-Database of Arkansas Critical Mineral Site Locations

34	1619	Howard	barite	Newhope	23	7S	28W	34.13604	-93.94637	No name						Trinity Gp	Ab	Topo map, 1969; USBM Bull. 645, 1976 AGC Worksheet, AGC 2006 field data	08/13/01	Marked as gravel pit on topo map, barite cementing gravel
35	1620	Howard	barite	Newhope	22	7S	28W	34.13733	-93.97276	No name						Trinity Gp	U	Topo map, 1969; USBM Bull. 645, 1976 AGC Worksheet	08/13/01	Marked as gravel pit on topo map
36	1621	Howard	barite	Newhope	13	7S	28W	34.14868	-93.94384	Lucky 13 deposit	Lucky Strike deposit					Trinity Gp	Ab	Topo map, 1969; USBM Bull. 645, 1976 AGC Worksheet, AGC 2006 field data	08/13/01	Marked as gravel pit on topo map, completely overgrown with trees and vegetation
37	1622	Howard	barite	Newhope	14	7S	28W	34.15065	-93.94646			R. McElwaine				Trinity Gp	Ab	Topo map, 1969; USBM Bull. 645, 1976 AGC Worksheet, AGC 2006 field data	08/13/01	Marked as gravel pit on topo map, small trenches and exposure of barite cemented gravel
38	3622	Montgomery	barite	Glenwood	25	4S	24W	34.36167	-93.52498	Pigeon Roost mine	southwestern Pigeon Roost deposit	NL Bariod				Stanley	R	AGC IC 18, USBM Bull. 645, Topo map 1979	08/10/01	one of 2 deposits
39	3623	Montgomery	barite	Glenwood	30	4S	23W	34.36493	-93.51263	Pigeon Roost	northeastern Pigeon Roost deposit					Stanley	U	AGC IC 18, USBM Bull. 645	08/10/01	one of 2 deposits
40	3624	Montgomery	barite	Norman	24	4S	26W	34.38137	-93.72951	Gap Mountain deposit	Yount					Stanley	U	AGC IC 18, USBM Bull. 645	08/10/01	extends from SE 1/4 of section 19, T4S, R25W to NE 1/4, section 23, T4S, R26W
41	3625	Montgomery	barite	Polk Creek Mountain	24	4S	27W	34.37686	-93.83468	Boone Springs Creek deposit						Arkansas Novaculite	U	AGC IC 18, USBM Bull. 645, Cogeo map	08/10/01	barite veins in middle member of Arkansas Novaculite; *lat/lon estimated from description in AGC IC 18
42	3626	Montgomery	barite	Polk Creek Mountain	11, 12*	4S	27W	34.40755	-93.84826	Polk Creek Mountain deposit	Polk Creek Mountain Claim No. 4					Arkansas Novaculite	U	AGC IC 18, USBM Bull. 645, Cogeo map	08/10/01	barite veins in middle member of Arkansas Novaculite extend from 34.40806, -93.85200 to 34.40699, -93.84514
43	3627	Montgomery	barite	Langley	33	4S	26W	34.35798	-93.7893	Dempsey-Cogburn mine		NL Bariod				Stanley	Ab	USBM Bull. 645	09/07/01	Obliterated adjacent tripoli mines shown on topo map
44	3628	Montgomery	barite	Langley	29	4S	26W	34.36857	-93.80361	Sulfur Mountain	McKnight	NL Bariod				Stanley	I	USBM Bull. 645, Topo map 1980	09/06/01	water-filled pit
45	3629	Montgomery	barite	Langley, Polk Creek Mountain	19, 29	4S	26W	34.37808	-93.8172	Fancy Hill deposits	Henderson		John C. Roehm	14262 Tradewinds Way, Tucson, AZ 85735	520-825-9548	Stanley	U	USBM Bull. 645, AGC IC 18, Cogeo map	09/07/01	deposit extends across sections from 34.38283, -93.82880 to 34.37438, -93.80156; lat/lon given for center of deposit
46	3987	Pike	barite	Lodi, Glenwood	1	5S	25W	34.34009	-93.62965	Prospect						Stanley	U	USBM Bull. 645	09/12/01	quartz and barite lense in outcrop in Stanley Formation adjacent to contact with Arkansas Novaculite
47	3988	Pike	barite	Narrows Dam	17	6S	25W	34.23366	-93.6833	Occurrence						Stanley	U	USBM Bull. 645	09/12/01	gray crystalline vein barite in residual clay developed on Stanley Formation, probably inundated by Lake Greeson during high water; small pit dug, no barite found
48	3989	Pike	barite	Murfreesboro	26*	8S	26W	34.03346	-93.74195	Occurrence						Trinity Gp	U	USBM Bull. 645	09/12/01	loose masses in soil weathered from barite-cemented Trinity; less than 2 feet thick; *lat/lon estimated from description in USBM Bull. 645
49	4351	Polk	barite	Vandervoort	15*	3S	31W	34.49565	-94.28848	Bee Mountain prospect						Arkansas Novaculite	U	AGC IC 18, USBM Bull. 645	08/10/01	dark gray crystalline vein barite 6-14 inches thick; *lat/lon estimated from AGC IC 18 description
50	4352	Polk	barite	Vandervoort	23*	3S	31W	34.48677	-94.28389	Boar Tusk Mountain prospects						Arkansas Novaculite	U	AGC IC 18	08/10/01	fracture filling and breccia cementing barite; *lat/lon estimated from AGC IC 18 description
51	4353	Polk	barite	Vandervoort	22	3S	31W	34.48334	-94.29248	Boar Tusk Mountain prospects						Arkansas Novaculite	U	AGC IC 18, USBM Bull. 645	08/10/01	small vein adjacent to manganese oxide deposit in novaculite host
52	4354	Polk	barite	Potter	11*	3S	31W	34.50655	-94.28439	Two Mile Creek prospects						Arkansas Novaculite	U	AGC IC 18, USBM Bull. 645	08/10/01	mineralized zone traceable into section 13, T3S, R31W; veins vary from 10 inches to 1 foot in thickness; *lat/lon given for location of where Two Mile Creek cuts the nose of the anticline, description of AGC IC 18 states the SE 1/4 of the SW 1/4, but the
53	4355	Polk	barite	Eagle Mountain	16*	4S	30W	34.4063	-94.20657	Cossatot River prospect						Arkansas Novaculite	U	USBM Bull. 645	09/18/01	vertical lenses of crystalline barite; *lat/lon estimated from description in USBM Bull. 645
54	4356	Polk	barite	Athens	36*	4S	28W	34.35051	-93.93799	Viles Creek outcrop						Stanley Gp	U	USBM Bull. 645	09/18/01	lense of barite 1 foot thick by 50 feet long traceable in bed of Viles Creek; *lat/lon estimated from description in USBM Bull. 645
55	4357	Polk	barite	Vandervoort, Potter	11, 15, 22*	3S	31W	34.49415	-94.29838	exposures						Missouri Mountain	U	USBM Bull. 645	09/18/01	veins of barite from 8-14 inches thick trend NE-SW in these sections; *original reference is early state survey publication, no specific sites given so lat/lon is estimated from only section data

APPENDIX-Database of Arkansas Critical Mineral Site Locations

56	5150	Sevier	barite	Dierks	16*	8S	29W	34.07169	-94.09926	Section 16 prospect						Trinity Gp	U	USBM Bull. 645	10/10/01	barite cemented gravels 15 feet thick, total of 150,000 tons of pebble and sandstone hosted ore containing 10 % BaSO4 is present; * lat./lon is for location of test pits and trenches, the Section 16 deposit extends along this NW-SE trending ridge in the N
57	5151	Sevier	barite	Dierks	16	8S	29W	34.07272	-94.10078	Northwest 16 deposit						Trinity Gp	U	AGC IC 18	08/10/01	barite cementing sandstone
58	5152	Sevier	barite	Dierks	16	8S	29W	34.07247	-94.08809	Northeast 16 deposit						Trinity Gp	U	AGC IC 18	08/10/01	barite cementing sandstone
59	6388	Howard	barite	Dierks	16	8S	29W	34.07247	-94.08809	Northeast 16 deposit						Trinity Gp	U	AGC IC 18	08/10/01	barite cementing sandstone
60	6907	Hot Spring	barite	Malvern North	10, 11, 14, 15	3S	17W	34.47239	-92.81504	Chamberlain Creek barite mine		Tremont				Stanley	I	AGC IC 18, Topo map 1978	08/10/01	was the largest barite producing mine in Arkansas
61	6908	Hot Spring	barite	Malvern North	10	3S	17W	34.47536	-92.81744	Magcobar barite mine						Stanley	Ab	AGC IC 18	08/10/01	inclined shaft to underground workings; headframe removed and shaft concreted closed
62	6909	Hot Spring	barite	Malvern North	13	3S	17W	34.46192	-92.77704	Magcobar barite prospect Reyburn Creek						Stanley	Ab	AGC IC 18, Topo map 1978	08/10/01	extends into section 18, T3S, R16W
63	6910	Hot Spring	barite	Malvern North	18	3S	16W	34.46579	-92.76882	Magcobar barite prospect Reyburn Creek						Stanley	Ab	Topo map, 1978	08/10/01	
64	6911	Hot Spring	barite	Malvern North	10*	3S	17W	34.47887	-92.82571	Lucinda Creek syncline						Stanley	U	AGC IC 18	08/10/01	barite surface float extends from section 10 2.25 miles NE; * lat./lon. estimated from description in AGC IC 18
65	6912	Hot Spring	barite	Lonsdale, Malvern North	2, 3*	3S	17W	34.5008	-92.81405	Occurrence						Stanley	U	AGC IC 18	08/10/01	massive crystalline and nodular barite float; *lat./lon. estimated from description in AGC IC 18
66	6913	Hot Spring	barite	Malvern North	32*	3S	17W	34.42987	-92.85931	Trap Mountains						Stanley	U	AGC IC 18	08/10/01	barite pods several inches thick and a few feet long exposed along rr cut in NE 1/4 of section from description in AGC IC 18, but NO rr track in sec 31 so estimated to be in NW1/4 of sec. 32, on east side of Ouachita River and due east of published locati
67	7499	Saline	bauxite	Bryant	10	2S	14W	34.56616	-92.48864	Alcoa		ALCOA		PO Box 300, Bauxite, AR 72011-0290	501-776-4701	Wilcox Gp	R	ADEQ, Google earth 2012	06/25/01	graded and revegetated as pasture on Google earth imagery
68	7500	Saline	bauxite	Bryant	3	2S	14W	34.57728	-92.49482	E-40	Bray-Thomas	Reynolds	Ray A. Williams	PO Box 97, Bauxite, AR 72011	501-557-2783	Wilcox Gp	R	ADEQ, Google earth 2012	06/25/01	graded and revegetated as pasture on Google earth imagery
69	7501	Saline	bauxite	Bryant	13, 24	2S	14W	34.53837	-92.452	Mine						Wilcox Gp	R	Topo map 1994, Google earth 2012	09/25/01	extends to the east into sec. 19, T2S, R13W; disturbed area on topo includes several deposits and 5 water-filled pits, all now reclaimed as pasture and ponds on Google earth imagery
70	7502	Saline	bauxite	Bryant	7, 18	2S	13W	34.55385	-92.44692	Pond						Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/25/01	underground mining of bauxite resulted in ground subsidence and pond
71	7503	Saline	bauxite	Bryant	13	2S	14W	34.54709	-92.45823	Mine						Wilcox Gp	R	Topo map 1994, Google earth 2012	09/25/01	one water-filled pit on topo map, now reclaimed as forested area on Google earth imagery
72	7504	Saline	bauxite	Bryant, Benton	10, 11, 14, 15, 16, 21, 22	2S	14W	34.55343	-92.48884	Mines	Hurricane Creek Watershed area	ALCOA		PO Box 300, Bauxite, AR 72011-0290	501-776-4701	Wilcox Gp	R	Topo map 1994, AGC 2004 field data, Google earth 2012	09/25/01	this large area of disturbed ground included several deposits and numerous water-filled pits of variable extent; some 600 acres was reclaimed from this area in secs. 14 & 15, bond released in 2004, remaining area of 200 acres is now reclaimed and appears
73	7505	Saline	bauxite	Bryant	12	2S	14W	34.55804	-92.45387	Pond						Wilcox Gp	Ab	Topo map, 1994	09/25/01	underground mining of bauxite resulted in ground subsidence and pond; Walden deposit
74	7506	Saline	bauxite	Bryant	12	2S	14W	34.55786	-92.46035	Pond						Wilcox Gp	Ab	Topo map, 1994	09/25/01	underground mining of bauxite resulted in ground subsidence and pond; Walden deposit
75	7507	Saline	bauxite	Bryant	11	2S	14W	34.55657	-92.46949	Pond						Wilcox Gp	Ab	Topo map, 1994	09/25/01	water-filled pit
76	7508	Saline	bauxite	Bryant	11	2S	14W	34.55859	-92.47228	Pond						Wilcox Gp	Ab	Topo map, 1994	09/25/01	water-filled pit
77	7509	Saline	bauxite	Bryant	2	2S	14W	34.57694	-92.47085	Mine						Wilcox Gp	R	Topo map 1994, Google earth 2012	09/25/01	one water-filled pit in mined area on topo map, but now reclaimed as forested area on Google earth imagery
78	7510	Saline	bauxite	Bryant	26, 34, 35, 36	1S	14W	34.58835	-92.47598	Mines						Wilcox Gp	R	Topo map 1994, Google earth 2012	09/25/01	this large area of disturbed ground includes several deposits and numerous water-filled pits of variable extent, the area extends into sections 2 & 3, T2S, R14W; deposits include the Bray-Thomas and South Harris, now all reclaimed and part of the new Bent
79	7511	Saline	bauxite	Bryant	22, 23, 24, 25, 26, 27	2S	14W	34.52341	-92.48226	Mine						Wilcox Gp	R*	Topo map 1994, Google earth 2012	09/25/01	this large area of mined land included several bauxite deposits and numerous small lakes, now mostly reclaimed as ponds and vegetated cover, with some remaining areas of bare ground on Google earth imagery

APPENDIX-Database of Arkansas Critical Mineral Site Locations

80	7512	Saline	bauxite	Benton	4, 5, 8, 9	2S	14W	34.57016	-92.51712	Pine Haven deposit	mine symbol					Wilcox Gp	R	USBM Bull. 645, AGC IC 15, Google earth 2012	09/25/01	high alumina kaolin and kaolinic clay associated with bauxite; blanket deposit varies from 5-45 feet thick, averaging 30 feet thick; deposit is indicated to contain over 6,000,000 tons of clay with an average content of 38 percent alumina and 35 percent
81	7513	Saline	bauxite	Benton	27, 28, 33, 34	2S	14W	34.51724	-92.50626	Mines						Wilcox Gp	R*	Topo map 1994, Google earth 2012	09/25/01	highly irregular area of disturbed ground includes several deposits and large water-filled pit, Google earth imagery displays some reclaimed area along with a large waterfilled pit and a barren not yet reclaimed pit.
82	7514	Saline	bauxite	Benton	9, 16, 17, 20, 21	2S	14W	34.54552	-92.52033	Mines						Wilcox Gp	R*	Topo map 1994, Google earth 2012	09/25/01	large area of disturbed ground includes several deposits and numerous water-filled pits, along with some reclaimed forested areas on Google earth imagery
83	7515	Saline	bauxite	Benton	29*	2S	14W	34.52106	-92.5236	Underground mines						Wilcox Gp	Ab	USBM Bull. 645	09/25/01	*lat./lon estimated from description in USBM Bull. 645
84	7516	Saline	bauxite	Bryant	31	2S	13W	34.50664	-92.45044	Pond						Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/25/01	underground mining of bauxite resulted in ground subsidence and pond; East Bauxite and McNeil deposits
85	7517	Saline	bauxite	Bryant	32	2S	13W	34.50595	-92.43164	Pond						Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/25/01	underground mining of bauxite resulted in ground subsidence and pond
86	7732	Pulaski	bauxite	Sweet Home	25	1N	12W	34.68347	-92.24551	Mine						Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/21/01	
87	7733	Pulaski	bauxite	Sweet Home, Little Rock	25	1N	12W	34.68621	-92.24884	Mine symbol						Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/21/01	mine symbol in pond
88	7734	Pulaski	bauxite	Sweet Home	25	1N	12W	34.69062	-92.24351	Mine symbol						Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/21/01	3 adjacent ponds
89	7735	Pulaski	bauxite	Sweet Home	36	1N	12W	34.67687	-92.23909	Quarry						Wilcox Gp	Ab	Topo map, 1994	09/21/01	
90	7736	Pulaski	bauxite	Sweet Home	24, 25	1N	12W	34.69303	-92.23866	Mine symbol						Wilcox Gp	Ab	Topo map, 1994	09/21/01	extends into secs. 19 and 30, T1N, R11W
91	7737	Pulaski	bauxite	Sweet Home	19	1N	11W	34.70311	-92.23279	Strip mine symbol						Wilcox Gp	Ab	Topo map 1994; AGC map data	09/21/01	extends into sec. 24, T1N, R12W
92	7738	Pulaski	bauxite	Sweet Home	24	1N	12W	34.70401	-92.23878	Mine						Wilcox Gp	Ab	Topo map, 1994	09/21/01	
93	7739	Pulaski	bauxite	Little Rock	5, 8	1S	12W	34.6541	-92.31625	Inactive Strip mines		Porocel Corp.	10300 Arch Street Pike, Little Rock, AR 72206	501-888-1357	Wilcox Gp	R	Topo map, 1994; AGC field data 2003	09/21/01	3 ponds in disturbed area; wetlands and urban development	
94	7740	Pulaski	bauxite	Little Rock	5, 8	1S	12W	34.6554	-92.32174	Inactive Strip mines		Porocel Corp.	10300 Arch Street Pike, Little Rock, AR 72206	501-888-1357	Wilcox Gp	R	Topo map, 1994; AGC field data 2003	09/21/01	2 ponds in disturbed area; wetlands and urban development	
95	7741	Pulaski	bauxite	Little Rock	4	1S	12W	34.65782	-92.30796	Strip mine symbol		Porcel Corp.	10300 Arch Street Pike, Little Rock, AR 72206	501-888-1357	Wilcox Gp	R	Topo map, 1994	09/21/01	1 pond on west edge of disturbed area	
96	7730	Pulaski	bauxite, clay	Sweet Home	19	1N	11W	34.70031	-92.23713	Ratliff deposit						Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/21/01	extends into sec. 24, T1N, R12W; 2 water-filled pits
97	7731	Pulaski	bauxite, clay	Little Rock	9, 10	1S	12W	34.64829	-92.29649	East Rauch deposit	Inactive Strip mines					Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/21/01	5 ponds in mined area
98	7742	Pulaski	clay, bauxite	Sweet Home	36	1N	12W	34.66761	-92.24891	Abandoned mine						Wilcox Gp	Ab	Topo map, 1994	09/21/01	
99	7743	Pulaski	clay, bauxite	Sweet Home	25	1N	12W	34.69055	-92.24026	Ratliff deposit	Mine symbol					Wilcox Gp	Ab	USBM Bull. 645, Topo map 1994	09/21/01	mine symbol in pond
100	3630	Montgomery	copper, manganese	Big Fork	10	4S	27W	34.41684	-93.87557	North Mountain mine	Stenger mine	Arkansas Copper Company				Arkansas Novaculite	Ab	USBM Bull. 645, Cogeo map	09/07/01	water-filled tunnel with shaft is lower workings, surface and other tunnel to north; manganese oxides, native copper; 150 tons milling grade Mn ore; too high iron to mill.
101	1327	Fulton	manganese	Salem	34*	20N	8W	36.34698	-91.82316	Mine						Residuum	Ab	USBM Bull. 645, AGS 2007 field data	08/06/01	siliceous manganese mined from 1954-1958; about 500 tons produced that was blended with Independence County ores: *lat./lon. estimated from description in USBM Bull. 645; unable to locate during field work
102	1810	Independence	manganese	Batesville	34	14N	6W	35.80796	-91.62775	Cason mine						Fernvale	Ab	AGC Mn map	08/14/01	now part of Midwest Lime Quarry
103	1811	Independence	manganese	Batesville	5	13N	6W	35.80655	-91.65421	Champlain mine						Fernvale	Ab	AGC Mn map	08/14/01	
104	1812	Independence	manganese	Batesville	5	13N	6W	35.8068	-91.65358	Champlain mine						Fernvale	Ab	AGC Mn map	08/14/01	
105	1813	Independence	manganese	Batesville	33	14N	6W	35.81722	-91.64767	Rutherford Hollow mines						Fernvale	Ab	AGC Mn map	08/14/01	1 of 3 mine symbols
106	1814	Independence	manganese	Batesville	33	14N	6W	35.81961	-91.64592	Rutherford Hollow mines						Fernvale	Ab	AGC Mn map	08/14/01	1 of 3 mine symbols
107	1815	Independence	manganese	Batesville	33	14N	6W	35.81751	-91.64257	Rutherford Hollow mines						Fernvale	Ab	AGC Mn map	08/14/01	1 of 3 mine symbols
108	1816	Independence	manganese	Batesville	32	14N	6W	35.80978	-91.65287	Edgar Baker mine						Fernvale	Ab	AGC Mn map	08/14/01	
109	1817	Independence	manganese	Batesville	32	14N	6W	35.81182	-91.65858	Mine symbol						Fernvale	Ab	AGC Mn map	08/14/01	no name given

APPENDIX-Database of Arkansas Critical Mineral Site Locations

110	1818	Independence	manganese	Batesville	28	14N	6W	35.82223	-91.64673	Burge mine						Fernvale	Ab	AGC Mn map	08/14/01	
111	1819	Independence	manganese	Batesville	28	14N	6W	35.82642	-91.63469	Baxter prospect						Fernvale	Ab	AGC Mn map	08/14/01	
112	1820	Independence	manganese	Batesville	28	14N	6W	35.82966	-91.63439	Collins prospects						Fernvale	Ab	AGC Mn map	08/14/01	
113	1821	Independence	manganese	Batesville	28	14N	6W	35.83012	-91.63443	Collins prospects						Fernvale	Ab	AGC Mn map	08/14/01	
114	1822	Independence	manganese	Batesville	28	14N	6W	35.82862	-91.64221	Thompson mine						Fernvale	Ab	AGC Mn map	08/14/01	
115	1823	Independence	manganese	Batesville	28	14N	6W	35.83305	-91.64385	Churchhill mine						Fernvale	Ab	AGC Mn map	08/14/01	
116	1824	Independence	manganese	Batesville	29	14N	6W	35.8231	-91.65696	Miller-Rinehart mines						Fernvale	Ab	AGC Mn map	08/14/01	
117	1825	Independence	manganese	Batesville	29	14N	6W	35.82624	-91.66287	Greenfield mines						Fernvale	Ab	AGC Mn map	08/04/01	1of 3 mine symbols
118	1826	Independence	manganese	Batesville	29	14N	6W	35.82785	-91.66391	Greenfield mines						Fernvale	Ab	AGC Mn map	08/14/01	1of 3 mine symbols
119	1827	Independence	manganese	Batesville	29	14N	6W	35.82962	-91.66485	Greenfield mines						Fernvale	Ab	AGC Mn map	08/14/01	1of 3 mine symbols
120	1828	Independence	manganese	Batesville	29	14N	6W	35.83147	-91.66634	Stark Spring mine						Fernvale	Ab	AGC Mn map	08/14/01	
121	1829	Independence	manganese	Batesville	30	14N	6W	35.8361	-91.67384	Stark Spring mine						Fernvale	Ab	AGC Mn map	08/14/01	
122	1830	Independence	manganese	Batesville	19	14N	6W	35.83803	-91.66778	Crosser prospect						Fernvale	Ab	AGC Mn map	08/14/01	
123	1831	Independence	manganese	Batesville	21	14N	6W	35.83976	-91.63761	Baxter prospect						Fernvale	Ab	AGC Mn map	08/14/01	
124	1832	Independence	manganese	Batesville	21	14N	6W	35.84197	-91.63418	Chinn Spring mine						Fernvale	Ab	AGC Mn map	08/14/01	
125	1833	Independence	manganese	Batesville	21	14N	6W	35.84479	-91.6387	Shell-Reither prospect						Fernvale	Ab	AGC Mn map	08/14/01	
126	1834	Independence	manganese	Batesville	21	14N	6W	35.84684	-91.63895	W. A. Chinn mines						Talus	Ab	AGC Mn map	08/14/01	talus-residual manganese oxide
127	1835	Independence	manganese	Batesville	21	14N	6W	35.84748	-91.63488	W. A. Chinn mines						Talus	Ab	AGC Mn map	08/14/01	talus-residual manganese oxide
128	1836	Independence	manganese	Batesville	21	14N	6W	35.84648	-91.63518	Mine symbol						Talus	Ab	Topo map, 1989	08/14/01	possible W. A. Chinn mine, talus-residual manganese oxide
129	1837	Independence	manganese	Sulphur Rock	22	14N	6W	35.84386	-91.6184	Modlin Hollow mine						Talus	Ab	AGC Mn map	08/14/01	talus-residual manganese oxide
130	1838	Independence	manganese	Batesville	22	14N	6W	35.84957	-91.62684	Vanenburg mine						Talus	Ab	AGC Mn map	08/14/01	talus-residual manganese oxide
131	1839	Independence	manganese	Batesville	24	14N	7W	35.84139	-91.68756	Button mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert
132	1840	Independence	manganese	Batesville	24	14N	7W	35.84272	-91.68889	Button mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert
133	1841	Independence	manganese	Batesville	24	14N	7W	35.84234	-91.69159	Button mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert
134	1842	Independence	manganese	Batesville	24	14N	7W	35.84354	-91.69021	Button mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert, glory hole water-filled on topo map
135	1843	Independence	manganese	Batesville	24	14N	7W	35.85006	-91.68804	W. W. Allen						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert
136	1844	Independence	manganese	Batesville	24	14N	7W	35.85045	-91.69688	Unnamed mine						Fernvale	Ab	AGC Mn map	08/15/01	
137	1845	Independence	manganese	Batesville	24	14N	7W	35.85092	-91.69635	Unnamed prospect						Fernvale	Ab	AGC Mn map	08/15/01	
138	1846	Independence	manganese	Batesville	24	14N	7W	35.85066	-91.69736	Unnamed prospect						Fernvale	Ab	AGC Mn map	08/15/01	
139	1847	Independence	manganese	Batesville	24	14N	7W	35.84908	-91.70308	Harry Kinion mine						Fernvale	Ab	AGC Mn map	08/15/01	
140	1848	Independence	manganese	Sulphur Rock	13	14N	6W	35.86349	-91.59003	Brokaw mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
141	1849	Independence	manganese	Sulphur Rock	14	14N	6W	35.85096	-91.60776	J. A. Reves mine						Fernvale	Ab	AGC Mn map	08/15/01	
142	1850	Independence	manganese	Sulphur Rock	14	14N	6W	35.85101	-91.60321	J. A. Reves mine						Fernvale	Ab	AGC Mn map	08/15/01	
143	1851	Independence	manganese	Sulphur Rock	14	14N	6W	35.85277	-91.60453	J. A. Reves mine						Fernvale	Ab	AGC Mn map	08/15/01	
144	1852	Independence	manganese	Sulphur Rock	14	14N	6W	35.85277	-91.60692	J. A. Reves mine						Fernvale	Ab	AGC Mn map	08/15/01	
145	1853	Independence	manganese	Sulphur Rock	14	14N	6W	35.85431	-91.6021	Moyer mine						Fernvale	Ab	AGC Mn map	08/15/01	
146	1854	Independence	manganese	Sulphur Rock	14	14N	6W	35.85517	-91.60332	Moyer mine						Fernvale	Ab	AGC Mn map	08/15/01	
147	1855	Independence	manganese	Sulphur Rock	14	14N	6W	35.85581	-91.60422	Moyer mine						Fernvale	Ab	AGC Mn map	08/15/01	
148	1856	Independence	manganese	Sulphur Rock	14	14N	6W	35.85491	-91.59479	Silberstein mine						Fernvale	Ab	AGC Mn map	08/15/01	
149	1857	Independence	manganese	Sulphur Rock	14	14N	6W	35.85766	-91.60231	Silberstein mine						Fernvale	Ab	AGC Mn map	08/15/01	
150	1858	Independence	manganese	Sulphur Rock	14	14N	6W	35.85882	-91.59326	Bales mine						Fernvale	Ab	AGC Mn map	08/15/01	
151	1859	Independence	manganese	Sulphur Rock	14	14N	6W	35.86006	-91.59807	Dunegan mine						Fernvale	Ab	AGC Mn map	08/15/01	
152	1860	Independence	manganese	Sulphur Rock	14	14N	6W	35.85959	-91.60024	Dunegan mine						Fernvale	Ab	AGC Mn map	08/15/01	
153	1861	Independence	manganese	Sulphur Rock	14	14N	6W	35.86315	-91.59892	Matheny mine	Diener					Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert, trench
154	1862	Independence	manganese	Sulphur Rock	14	14N	6W	35.86298	-91.59987	Matheny mine	Diener					Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert, trench
155	1863	Independence	manganese	Sulphur Rock	14	14N	6W	35.86289	-91.60279	Matheny mine	Diener					Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
156	1864	Independence	manganese	Sulphur Rock	14	14N	6W	35.86079	-91.60628	Davis Hill mines						Fernvale	Ab	AGC Mn map	08/15/01	
157	1865	Independence	manganese	Sulphur Rock	14	14N	6W	35.8604	-91.6075	Davis Hill mines						Fernvale	Ab	AGC Mn map	08/15/01	
158	1866	Independence	manganese	Sulphur Rock	14	14N	6W	35.86015	-91.60877	Davis Hill mines						Fernvale	Ab	AGC Mn map	08/15/01	
159	1867	Independence	manganese	Sulphur Rock	14	14N	6W	35.86036	-91.6093	Davis Hill mines						Fernvale	Ab	AGC Mn map	08/15/01	
160	1868	Independence	manganese	Batesville	15	14N	6W	35.85079	-91.62778	Unnamed shaft						Fernvale	Ab	AGC Mn map	08/15/01	1 of 3 shaft symbols
161	1869	Independence	manganese	Batesville	15	14N	6W	35.85096	-91.62841	Unnamed shaft						Fernvale	Ab	AGC Mn map	08/15/01	1 of 3 shaft symbols
162	1870	Independence	manganese	Batesville	15	14N	6W	35.85079	-91.62868	Unnamed shaft						Fernvale	Ab	AGC Mn map	08/15/01	1 of 3 shaft symbols
163	1871	Independence	manganese	Batesville	15	14N	6W	35.85234	-91.62725	Martha Thompson mine						Fernvale	Ab	AGC Mn map	08/15/01	1 of 4 closely spaced shaft symbols
164	1872	Independence	manganese	Batesville	15	14N	6W	35.85242	-91.6272	Martha Thompson mine						Fernvale	Ab	AGC Mn map	08/15/01	1 of 4 closely spaced shaft symbols
165	1873	Independence	manganese	Batesville	15	14N	6W	35.85259	-91.62741	Martha Thompson mine						Fernvale	Ab	AGC Mn map	08/15/01	1 of 4 closely spaced shaft symbols

APPENDIX-Database of Arkansas Critical Mineral Site Locations

166	1874	Independence	manganese	Batesville	15	14N	6W	35.85268	-91.62757	Martha Thompson mine						Fernvale	Ab	AGC Mn map	08/15/01	1 of 4 closely spaced shaft symbols
167	1875	Independence	manganese	Batesville	15	14N	6W	35.85362	-91.62651	Climer mine						Fernvale	Ab	AGC Mn map	08/15/01	1 of 6 closely spaced shaft symbols
168	1876	Independence	manganese	Batesville	15	14N	6W	35.85397	-91.62624	Climer mine						Talus	Ab	AGC Mn map	08/15/01	1 of 6 closely spaced shaft symbols, talus-residual manganese oxide
169	1877	Independence	manganese	Batesville	15	14N	6W	35.85414	-91.62614	Climer mine						Talus	Ab	AGC Mn map	08/15/01	1 of 6 closely spaced shaft symbols, talus-residual manganese oxide
170	1878	Independence	manganese	Batesville	15	14N	6W	35.85418	-91.62714	Climer mine						Talus	Ab	AGC Mn map	08/15/01	1 of 6 closely spaced shaft symbols, talus-residual manganese oxide
171	1879	Independence	manganese	Batesville	15	14N	6W	35.8544	-91.62699	Climer mine						Talus	Ab	AGC Mn map	08/15/01	1 of 6 closely spaced shaft symbols, talus-residual manganese oxide
172	1880	Independence	manganese	Batesville	15	14N	6W	35.85461	-91.62683	Climer mine						Talus	Ab	AGC Mn map	08/15/01	1 of 6 closely spaced shaft symbols, talus-residual manganese oxide
173	1881	Independence	manganese	Sulphur Rock	15	14N	6W	35.8559	-91.62185	Wisdom mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
174	1882	Independence	manganese	Sulphur Rock	15	14N	6W	35.85843	-91.62466	Wisdom mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide, west-facing cut
175	1883	Independence	manganese	Sulphur Rock	15	14N	6W	35.8641	-91.62317	Albert Wilson prospect						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
176	1884	Independence	manganese	Batesville	16	14N	6W	35.85139	-91.63615	Ark. Min. & Expl. Corp. mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
177	1885	Independence	manganese	Batesville	16	14N	6W	35.85281	-91.63037	Unnamed shaft						Fernvale	Ab	AGC Mn map	08/15/01	
178	1886	Independence	manganese	Batesville	16	14N	6W	35.86483	-91.63334	Unnamed prospect						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
179	1887	Independence	manganese	Batesville	16	14N	6W	35.86375	-91.63567	Adler mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
180	1888	Independence	manganese	Batesville	16	14N	6W	35.86345	-91.63964	Unnamed prospect						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
181	1889	Independence	manganese	Batesville	16	14N	6W	35.86049	-91.64261	Unnamed prospect						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
182	1890	Independence	manganese	Batesville	16	14N	6W	35.85521	-91.64721	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
183	1891	Independence	manganese	Batesville	16	14N	6W	35.85538	-91.64721	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
184	1892	Independence	manganese	Batesville	16	14N	6W	35.85611	-91.64727	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
185	1893	Independence	manganese	Batesville	16	14N	6W	35.85633	-91.64705	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
186	1894	Independence	manganese	Batesville	16	14N	6W	35.85633	-91.64674	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
187	1895	Independence	manganese	Batesville	16	14N	6W	35.85667	-91.64695	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
188	1896	Independence	manganese	Batesville	17	14N	6W	35.85483	-91.6488	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
189	1897	Independence	manganese	Batesville	17	14N	6W	35.85573	-91.64817	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
190	1898	Independence	manganese	Batesville	17	14N	6W	35.85629	-91.64817	Adler mines						Talus	Ab	AGC Mn map	08/15/01	1 of 9 shaft symbols in close proximity, talus-residual manganese oxide
191	1899	Independence	manganese	Batesville	16	14N	6W	35.85581	-91.64658	Adler mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
192	1900	Independence	manganese	Batesville	17	14N	6W	35.85671	-91.6487	Adler mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
193	1901	Independence	manganese	Batesville	17	14N	6W	35.85538	-91.65012	Adler mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
194	1902	Independence	manganese	Batesville	17	14N	6W	35.85607	-91.64843	Adler mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
195	1903	Independence	manganese	Batesville	17	14N	6W	35.85629	-91.64864	Adler mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
196	1904	Independence	manganese	Batesville	17	14N	6W	35.85594	-91.64832	Adler mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
197	1905	Independence	manganese	Batesville	17	14N	6W	35.86161	-91.64975	Herman Miller mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
198	1906	Independence	manganese	Batesville	18	14N	6W	35.85272	-91.66876	Wade mine						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxides in place under Boone Chert
199	1907	Independence	manganese	Batesville	18	14N	6W	35.8553	-91.68412	W. W. Allen mine						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
200	1908	Independence	manganese	Batesville	18	14N	6W	35.86444	-91.67628	Blake Hill mine						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
201	1909	Independence	manganese	Batesville	18	14N	6W	35.86513	-91.67808	Blake Hill mine						Placer	Ab	AGC Mn map	08/15/01	
202	1910	Independence	manganese	Batesville	13	14N	7W	35.86586	-91.69699	Shaw Hill mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
203	1911	Independence	manganese	Batesville	13	14N	7W	35.86598	-91.69794	Shaw Hill mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
204	1912	Independence	manganese	Batesville	13	14N	7W	35.8659	-91.70069	Shaw Hill mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
205	1913	Independence	manganese	Batesville	13	14N	7W	35.86478	-91.69429	Unnamed prospect						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
206	1914	Independence	manganese	Batesville	13	14N	7W	35.86551	-91.70191	Unnamed prospect						no data	Ab	AGC Mn map	08/15/01	
207	1915	Independence	manganese	Batesville	13	14N	7W	35.86384	-91.70107	Unnamed prospect						no data	Ab	AGC Mn map	08/15/01	
208	1916	Independence	manganese	Batesville	13	14N	7W	35.86251	-91.70101	Unnamed prospect						no data	Ab	AGC Mn map	08/15/01	
209	1917	Independence	manganese	Batesville	14	14N	7W	35.85641	-91.71462	Unnamed prospect						no data	Ab	AGC Mn map	08/15/01	
210	1918	Independence	manganese	Batesville	14	14N	7W	35.8559	-91.71838	Unnamed prospect						no data	Ab	AGC Mn map	08/15/01	
211	1919	Independence	manganese	Batesville	15	14N	7W	35.86101	-91.7331	Brooks Hill mines						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
212	1920	Independence	manganese	Batesville	15	14N	7W	35.86251	-91.73628	Brooks Hill mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
213	1921	Independence	manganese	Batesville	15	14N	7W	35.86594	-91.73548	Brooks Hill mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
214	1922	Independence	manganese	Batesville	15	14N	7W	35.86736	-91.73506	Aydelotte mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
215	1923	Independence	manganese	Batesville	15	14N	7W	35.86684	-91.7277	Aydelotte mines						Residuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert

APPENDIX-Database of Arkansas Critical Mineral Site Locations

216	1924	Independence	manganese	Batesville	16	14N	7W	35.86174	-91.73967	Unnamed prospect						Residuuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
217	1925	Independence	manganese	Bethesda	13	14N	8W	35.8662	-91.80104	Unnamed prospect						Fernvale	Ab	AGC Mn map	08/15/01	
218	1926	Independence	manganese	Bethesda	13	14N	8W	35.86723	-91.80903	Unnamed prospect						no data	Ab	AGC Mn map	08/15/01	
219	1927	Independence	manganese	Bethesda	13	14N	8W	35.86654	-91.80935	Unnamed prospect						Fernvale	Ab	AGC Mn map	08/15/01	
220	1928	Independence	manganese	Bethesda	13	14N	8W	35.8659	-91.80988	W. C. Collie mines						Fernvale	Ab	AGC Mn map	08/15/01	
221	1929	Independence	manganese	Bethesda	13	14N	8W	35.865	-91.81015	W. C. Collie mines						Fernvale	Ab	AGC Mn map	08/15/01	
222	1930	Independence	manganese	Bethesda	13	14N	8W	35.865	-91.81099	W. C. Collie mines						Fernvale	Ab	AGC Mn map	08/15/01	
223	1931	Independence	manganese	Bethesda	14	14N	8W	35.86444	-91.8138	F. M. Barnes mines						Fernvale	Ab	AGC Mn map	08/15/01	
224	1932	Independence	manganese	Bethesda	14	14N	8W	35.86298	-91.81671	F. M. Barnes mines						no data	Ab	AGC Mn map	08/15/01	
225	1933	Independence	manganese	Bethesda	14	14N	8W	35.86517	-91.81602	Weaver mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
226	1934	Independence	manganese	Bethesda	14	14N	8W	35.86487	-91.81952	Unnamed prospect						Fernvale	Ab	AGC Mn map	08/15/01	
227	1935	Independence	manganese	Bethesda	14	14N	8W	35.85787	-91.82052	Kimbrough mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
228	1936	Independence	manganese	Bethesda	14	14N	8W	35.86689	-91.82232	Button prospect						Residuuum	Ab	AGC Mn map	08/15/01	residual manganese oxide under Boone Chert
229	1937	Independence	manganese	Bethesda	14	14N	8W	35.86105	-91.82333	Martin mine						Fernvale	Ab	AGC Mn map	08/15/01	
230	1938	Independence	manganese	Bethesda	15	14N	8W	35.86822	-91.8435	Smith mine						Fernvale	Ab	AGC Mn map	08/15/01	
231	1939	Independence	manganese	Bethesda	15	14N	8W	35.86826	-91.84605	Manganese Cave mine						no data	Ab	AGC Mn map	08/15/01	
232	1940	Independence	manganese	Sulphur Rock	12	14N	6W	35.86701	-91.59146	Unnamed mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
233	1941	Independence	manganese	Sulphur Rock	12	14N	6W	35.87002	-91.59178	Schieper mine						Fernvale	Ab	AGC Mn map	08/15/01	
234	1942	Independence	manganese	Sulphur Rock	11	14N	6W	35.87083	-91.59268	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
235	1943	Independence	manganese	Sulphur Rock	11	14N	6W	35.87053	-91.5931	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
236	1944	Independence	manganese	Sulphur Rock	11	14N	6W	35.87083	-91.59315	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
237	1945	Independence	manganese	Sulphur Rock	11	14N	6W	35.87118	-91.59321	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
238	1946	Independence	manganese	Sulphur Rock	11	14N	6W	35.87088	-91.59342	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
239	1947	Independence	manganese	Sulphur Rock	11	14N	6W	35.87088	-91.59363	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
240	1948	Independence	manganese	Sulphur Rock	11	14N	6W	35.8707	-91.59379	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
241	1949	Independence	manganese	Sulphur Rock	11	14N	6W	35.87118	-91.59363	Schieper mine adit						Talus	Ab	AGC Mn map	08/15/01	1 of 8 shaft symbols in close proximity, talus-residual manganese oxide
242	1950	Independence	manganese	Sulphur Rock	11	14N	6W	35.87062	-91.59347	Schieper mine pit						Talus	Ab	AGC Mn map	08/15/01	pit, talus-residual manganese oxide
243	1951	Independence	manganese	Sulphur Rock	11	14N	6W	35.86813	-91.59395	Searcy mine						Talus	Ab	AGC Mn map	08/15/01	talus-residual manganese oxide
244	1952	Independence	manganese	Cave City	11	14N	6W	35.87543	-91.60306	Searcy mine						Fernvale	Ab	AGC Mn map	08/15/01	
245	1953	Independence	manganese	Cave City	11	14N	6W	35.87551	-91.59795	Ozark mine						Fernvale	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity
246	1954	Independence	manganese	Cave City	11	14N	6W	35.87534	-91.59826	Ozark mine						Fernvale	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity
247	1955	Independence	manganese	Sulphur Rock	11	14N	6W	35.87487	-91.60028	Ozark mine						Fernvale	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity
248	1956	Independence	manganese	Sulphur Rock	11	14N	6W	35.87487	-91.59996	Ozark mine						Fernvale	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity
249	1957	Independence	manganese	Sulphur Rock	11	14N	6W	35.87465	-91.60033	Ozark mine						Fernvale	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity
250	1958	Independence	manganese	Sulphur Rock	11	14N	6W	35.87465	-91.60006	Ozark mine						Fernvale	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity
251	1959	Independence	manganese	Cave City, Sulphur Rock	11	14N	6W	35.87512	-91.59916	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
252	1960	Independence	manganese	Sulphur Rock	11	14N	6W	35.87478	-91.59938	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
253	1961	Independence	manganese	Sulphur Rock	11	14N	6W	35.87482	-91.59879	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
254	1962	Independence	manganese	Sulphur Rock	11	14N	6W	35.87457	-91.59959	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
255	1963	Independence	manganese	Sulphur Rock	11	14N	6W	35.87444	-91.59943	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
256	1964	Independence	manganese	Sulphur Rock	11	14N	6W	35.87457	-91.59906	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
257	1965	Independence	manganese	Sulphur Rock	11	14N	6W	35.8745	-91.5989	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
258	1966	Independence	manganese	Sulphur Rock	11	14N	6W	35.87452	-91.59858	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
259	1967	Independence	manganese	Sulphur Rock	11	14N	6W	35.87427	-91.59948	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
260	1968	Independence	manganese	Sulphur Rock	11	14N	6W	35.87427	-91.59901	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
261	1969	Independence	manganese	Sulphur Rock	11	14N	6W	35.8744	-91.59832	Ozark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 17 shaft symbols in close proximity, talus-residual manganese oxide
262	1970	Independence	manganese	Sulphur Rock	11	14N	6W	35.87178	-91.60404	Clark mine						Talus	Ab	AGC Mn map	08/16/01	1 of 11 shaft symbols in close proximity, talus-residual manganese oxide

APPENDIX-Database of Arkansas Critical Mineral Site Locations

446	2154	Independence	manganese	Sandtown	3	14N	7W	35.89607	-91.73679	Turner mine						Residuum	Ab	AGC Mn map	08/17/01	complexly shaped trench symbol, residual manganese oxide under Boone Chert
447	2155	Independence	manganese	Sandtown	4	14N	7W	35.88568	-91.74071	Wilson & Baxter prospects						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
448	2156	Independence	manganese	Sandtown	4	14N	7W	35.88482	-91.74124	Wilson & Baxter prospects						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
449	2157	Independence	manganese	Sandtown	4	14N	7W	35.88379	-91.74156	Wilson & Baxter prospects						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
450	2158	Independence	manganese	Sandtown	4	14N	7W	35.88491	-91.74304	Wilson & Baxter prospects						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
451	2159	Independence	manganese	Sandtown	4	14N	7W	35.88581	-91.74437	Wilson & Baxter prospects						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
452	2160	Independence	manganese	Sandtown	4	14N	7W	35.88379	-91.74569	Wilson & Baxter prospects						no data	Ab	AGC Mn map	08/20/01	
453	2161	Independence	manganese	Sandtown	4	14N	7W	35.88495	-91.74754	Wilson & Baxter prospects						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
454	2162	Independence	manganese	Sandtown	4	14N	7W	35.88551	-91.74919	Page mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
455	2163	Independence	manganese	Sandtown	4	14N	7W	35.88813	-91.74754	Klondike cut						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
456	2164	Independence	manganese	Sandtown	4	14N	7W	35.88912	-91.74664	Grubb cut						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
457	2165	Independence	manganese	Mount Pleasant	4	14N	7W	35.8877	-91.75411	Jerden mine						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide, small pond on topo map
458	2166	Independence	manganese	Sandtown	4	14N	7W	35.89083	-91.74029	Southern Hill mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
459	2167	Independence	manganese	Sandtown	4	14N	7W	35.89092	-91.7423	Southern Hill mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
460	2168	Independence	manganese	Sandtown	4	14N	7W	35.89053	-91.73981	Southern Hill mine						Residuum	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; residual manganese oxide under Boone Chert
461	2169	Independence	manganese	Sandtown	4	14N	7W	35.89092	-91.73986	Southern Hill mine						Residuum	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; residual manganese oxide under Boone Chert
462	2170	Independence	manganese	Sandtown	4	14N	7W	35.89087	-91.73954	Southern Hill mine						Residuum	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; residual manganese oxide under Boone Chert
463	2171	Independence	manganese	Sandtown	4	14N	7W	35.89092	-91.74098	Southern Hill mine						Residuum	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; residual manganese oxide under Boone Chert
464	2172	Independence	manganese	Sandtown	4	14N	7W	35.89109	-91.74294	Southern Hill mine						Residuum	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; residual manganese oxide under Boone Chert
465	2173	Independence	manganese	Sandtown	4	14N	7W	35.89109	-91.74315	Southern Hill mine						Talus	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; talus-residual manganese oxide
466	2174	Independence	manganese	Sandtown	4	14N	7W	35.89066	-91.74294	Southern Hill mine						Talus	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; talus-residual manganese oxide
467	2175	Independence	manganese	Sandtown	4	14N	7W	35.89096	-91.74368	Southern Hill mine						Talus	Ab	AGC Mn map	08/20/01	1 of 8 shaft symbols; talus-residual manganese oxide
468	2176	Independence	manganese	Sandtown	4	14N	7W	35.89238	-91.74447	Unnamed prospect						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
469	2177	Independence	manganese	Sandtown	4	14N	7W	35.89796	-91.74892	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
470	2178	Independence	manganese	Mount Pleasant	5	14N	7W	35.89092	-91.75809	Page mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
471	2179	Independence	manganese	Mount Pleasant	5	14N	7W	35.89242	-91.77075	Page mine						no data	Ab	AGC Mn map	08/20/01	
472	2180	Independence	manganese	Mount Pleasant	5	14N	7W	35.89577	-91.76079	H. Miller mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
473	2181	Independence	manganese	Mount Pleasant	5	14N	7W	35.89598	-91.76344	Stewart mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
474	2182	Independence	manganese	Mount Pleasant	5	14N	7W	35.89504	-91.7743	Johnson mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
475	2183	Independence	manganese	Mount Pleasant	6	14N	7W	35.89409	-91.77557	Johnson mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
476	2184	Independence	manganese	Mount Pleasant	6	14N	7W	35.89336	-91.77567	Johnson mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
477	2185	Independence	manganese	Mount Pleasant	6	14N	7W	35.89349	-91.77832	Johnson mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
478	2186	Independence	manganese	Mount Pleasant	6	14N	7W	35.89457	-91.78298	Miller prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
479	2187	Independence	manganese	Mount Pleasant	6	14N	7W	35.89268	-91.78378	Sanders mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
480	2188	Independence	manganese	Mount Pleasant	6	14N	7W	35.88907	-91.78971	Sterrett mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
481	2189	Independence	manganese	Mount Pleasant	1	14N	8W	35.88774	-91.79294	Calaway mine						no data	Ab	AGC Mn map	08/20/01	
482	2190	Independence	manganese	Mount Pleasant	2	14N	8W	35.89658	-91.81169	Cutter mine						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
483	2191	Independence	manganese	Mount Pleasant	2	14N	8W	35.89143	-91.81172	Edmondson mine						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
484	2192	Independence	manganese	Mount Pleasant	2	14N	8W	35.89156	-91.81514	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
485	2193	Independence	manganese	Mount Pleasant	2	14N	8W	35.89066	-91.81779	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
486	2194	Independence	manganese	Mount Pleasant	2	14N	8W	35.88912	-91.81694	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
487	2195	Independence	manganese	Mount Pleasant	2	14N	8W	35.88839	-91.81694	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
488	2196	Independence	manganese	Mount Pleasant	2	14N	8W	35.88753	-91.81895	Unnamed prospect						Residuum	Ab	AGC Mn map	08/20/01	residual manganese oxide under Boone Chert
489	2197	Independence	manganese	Mount Pleasant	2	14N	8W	35.8877	-91.82065	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
490	2198	Independence	manganese	Mount Pleasant	2	14N	8W	35.88753	-91.82224	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
491	2199	Independence	manganese	Mount Pleasant	2	14N	8W	35.88766	-91.82287	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
492	2200	Independence	manganese	Mount Pleasant	2	14N	8W	35.8874	-91.8233	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
493	2201	Independence	manganese	Mount Pleasant	2	14N	8W	35.88701	-91.82441	Engles Cut mines						Talus	Ab	AGC Mn map	08/20/01	straddles Independence-Izard County line; talus-residual manganese oxide
494	2202	Independence	manganese	Mount Pleasant	2	14N	8W	35.88551	-91.82483	Engles Cut mines						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
495	2203	Independence	manganese	Mount Pleasant	2	14N	8W	35.88512	-91.82383	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
496	2204	Independence	manganese	Mount Pleasant	2	14N	8W	35.88409	-91.82425	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide
497	2205	Independence	manganese	Mount Pleasant	2	14N	8W	35.88409	-91.8252	Unnamed prospect						Talus	Ab	AGC Mn map	08/20/01	talus-residual manganese oxide

APPENDIX-Database of Arkansas Critical Mineral Site Locations

689	2514	Izard	manganese	Mount Pleasant	8	15N	7W	35.95804	-91.76697	Sipes mine					Residuum	Ab	AGC Mn map	08/21/01	residual manganese oxide under Boone Chert
690	2515	Izard	manganese	Mount Pleasant	8	15N	7W	35.95971	-91.76532	Younger mines					not given	Ab	AGC Mn map	08/21/01	
691	2516	Izard	manganese	Mount Pleasant	8	15N	7W	35.96083	-91.76946	Younger mines					Residuum	Ab	AGC Mn map	08/21/01	residual manganese oxide under Boone Chert
692	2517	Izard	manganese	Mount Pleasant	8	15N	7W	35.96284	-91.77121	Unnamed prospect					Residuum	Ab	AGC Mn map	08/21/01	residual manganese oxide under Boone Chert
693	2518	Izard	manganese	Mount Pleasant	7	15N	7W	35.9643	-91.77227	Ray mine					not given	Ab	AGC Mn map	08/21/01	
694	2519	Izard	manganese	Mount Pleasant	7	15N	7W	35.96546	-91.77614	Ray mine					Residuum	Ab	AGC Mn map	08/21/01	residual manganese oxide under Boone Chert
695	2520	Izard	manganese	Mount Pleasant	8	15N	7W	35.97074	-91.7596	Shaw mine					not given	Ab	AGC Mn map	08/21/01	
696	2521	Izard	manganese	Mount Pleasant	5	14N	8W	35.88997	-91.87302	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	
697	2522	Izard	manganese	Mount Pleasant	5	14N	8W	35.89202	-91.87162	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	
698	2523	Izard	manganese	Mount Pleasant	5	14N	8W	35.89258	-91.87231	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	destroyed by quarry operation
699	2524	Izard	manganese	Mount Pleasant	5	14N	8W	35.89258	-91.87273	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	destroyed by quarry operation
700	2525	Izard	manganese	Mount Pleasant	5	14N	8W	35.8926	-91.87305	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	destroyed by quarry operation
701	2526	Izard	manganese	Mount Pleasant	5	14N	8W	35.89267	-91.8735	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	destroyed by quarry operation
702	2527	Izard	manganese	Mount Pleasant	5	14N	8W	35.89385	-91.87499	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	
703	2528	Izard	manganese	Mount Pleasant	5	14N	8W	35.89523	-91.87442	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	
704	2529	Izard	manganese	Mount Pleasant	5	14N	8W	35.8955	-91.87427	Shaft symbol					not given	Ab	Topo map, 1989	08/21/01	
705	2530	Izard	manganese	Mount Pleasant	34	15N	8W	35.91285	-91.84169	Gravel pit					not given	Ab	Topo map, 1989	08/21/01	
706	3475	Marion	manganese	St. Joe, Maumee	35*	17N	17W	36.0685	-92.752	prospect					Plattin	U	USBM Bull. 645, 1976 AGC Worksheet	09/06/01	Formation noted as Fernvale in USBM Bull. 645, mapped as Plattin on AGC Worksheet; *lat./lon estimated from description in USBM Bull. 645, no road access, no development work
707	3635	Montgomery	manganese	Norman	13	4S	26W	34.40386	-93.73952	Hog Jaw mine					Missouri Mountain/ Polk Creek	Ab	USBM Bull. 645, Google earth 2009, Cogeo map	09/07/01	open clearing, now revegetated; psilomelane and pyrolusite in quartz veins filling fractures; hand sorted ore; deposit considered depleted; Bull 645 notes deposit was in the Stanley but no Stanley is exposed in this entire quadrangle!; either Missouri Mou
708	3636	Montgomery	manganese	Norman	13*	4S	26W	34.4003	-93.73984	Nelson mine					Arkansas Novaculite	Ab	USBM Bull. 645	09/07/01	2 openings; 58 long tons of ore; deposit apparently depleted; *lat./lon. estimated from description in USBM Bull. 645
709	3637	Montgomery	manganese	Caddo Gap	18*	4S	24W	34.40021	-93.60283	Jones Valley mine					Arkansas Novaculite	Ab	USBM Bull. 645	09/07/01	manganite and psilomelane; no production; *lat./lon. estimated from description in USBM Bull. 645
710	3638	Montgomery	manganese	Langley, Polk Creek Mountain	28	4S	26W	34.37532	-93.79053	United Mineral Industries prospect					Arkansas Novaculite	Ab	USBM Bull. 645, Cogeo map	09/07/01	4 open cuts expose a vein zone varying from 2-8 feet thick; no production; lat/long centered on open cuts as noted on Cogeo maps
711	3639	Montgomery	manganese	Bonnerdale	11	4S	23W	34.40527	-93.43323	Plemmons-Woodall mine					Terrace*	Ab	USBM Bull. 645	09/07/01	gravels cemented by psilomelane, manganite, and wad; * seems very high on the hill to be terrace, perhaps Quaternary scree deposit; deposit depleted; lat/long is the center of the two given 1/4 1/4 sections, at their common join at center of section, not
712	3640	Montgomery	manganese	Polk Creek Mountain	18	4S	26W	34.40266	-93.82319	Willie Cogburn claims					Arkansas Novaculite	U	USBM Bull. 645, Cogeo map	09/07/01	minor manganese oxide filling fractures
713	3641	Montgomery	manganese	Norman	13,14	4S	26W	34.39373	-93.74232	Monroe-Knold mine					Arkansas Novaculite	Ab	USBM Bull. 645, Cogeo map	09/07/01	on section line
714	3642	Montgomery	manganese	Polk Creek Mountain	16	4S	26W	34.39858	-93.78162	Montgomery Manganese Corp. mine					Arkansas Novaculite	Ab	USBM Bull. 645, Cogeo map	09/07/01	location marked on Cogeo map
715	3643	Montgomery	manganese	Polk Creek Mountain	13	4S	27W	34.40038	-93.83115	Polk Creek prospects					Arkansas Novaculite	Ab	USBM Bull. 645, Google earth 2009, AGS 2009 field data	09/07/01	extends into sec. 18, T4S, R26W; no trace of workings seen on Google earth imagery, lat/long is picked on approximate middle of described area; no sign of road into prospects
716	3644	Montgomery	manganese	Big Fork	17, 18	4S	27W	34.40034	-93.91705	Sugartree Mountain mine					Arkansas Novaculite	Ab	USBM Bull. 645, Google earth 2009	09/07/01	from Google earth east and west of given lat/long there appears to be two areas of disturbed ground at 34.40029, -93.91914 and 34.40028, -93.91526, unable to visit without a 4 wheeler, some trails noted on Google earth on this ridge.
717	4021	Pike	manganese	Langley	6*	5S	26W	34.34219	-93.81813	Still mine	Sausman adit				Arkansas Novaculite	Ab	USBM Bull. 645	09/12/01	100 tons high-grade hand sortable ore and 16,000 tons of 9.5 percent manganese ore (low grade); *lat/lon estimated from description in USBM Bull. 645
718	4022	Pike	manganese	Glenwood	1*	5S	25W	34.33687	-93.62149	Unnamed prospect on Reynolds Mountain					Arkansas Novaculite	Ab	USBM Bull. 645	09/12/01	reported that 1.5 carloads of hand-picked ore was shipped; *lat/lon estimated from description in USBM Bull. 645
719	4023	Pike	manganese	Glenwood	6*	5S	24W	34.33858	-93.61676	Featherstone mine					Arkansas Novaculite	Ab	USBM Bull. 645	09/12/01	psilomelane and limonite in fractures and nodular manganese in clay; 40 tons ore produced; *lat/lon estimated from description in USBM Bull. 645

APPENDIX-Database of Arkansas Critical Mineral Site Locations

720	4024	Pike	manganese	Lodi	5*	5S	25W	34.33335	-93.70485	Brushy Mountain mine					Arkansas Novaculite	Ab	USBM Bull. 645	09/12/01	Stalactitic psilomelane and cement or veins in breccia; 1000 tons of concentrates shipped; *lat/lon estimated from description in USBM Bull. 645
721	4025	Pike	manganese	Glenwood	18	5S	23W	34.30584	-93.51376	Frank Brunson prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	sparse manganese oxide with iron oxide
722	4026	Pike	manganese	Glenwood	1*	5S	24W	34.3285	-93.51834	Watkins-White prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	seams and veins of wad and psilomelane with limonite; *lat/lon estimated from description in USBM Bull. 645
723	4027	Pike	manganese	Glenwood	6*	5S	24W	34.33936	-93.61646	Reynolds Mountain prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	veins, psilomelane, manganite, brown iron oxide; *lat/lon estimated from description in USBM Bull. 645
724	4028	Pike	manganese	Lodi, Glenwood	1	5S	25W	34.33824	-93.62353	Kettelberger prospect	Reynolds Mountain prospect				Arkansas Novaculite	U	USBM Bull. 645	09/12/01	pyrolusite and manganite; estimated 400-500 tons raw ore and 200-250 tons +40 percent concentrate; *lat/lon estimated from several quarter quarter section descriptions in USBM Bull. 645
725	4029	Pike	manganese	Lodi	9	5S	25W	34.32519	-93.68126	Fagan mine					Arkansas Novaculite	Ab	USBM Bull. 645	09/12/01	thin veins of sparse manganite with iron oxide
726	4030	Pike	manganese	Lodi	8	5S	25W	34.32927	-93.70028	Bear Mountain prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	psilomelane and manganite lenses along bedding
727	4031	Pike	manganese	Lodi	5, 8	5S	25W	34.33082	-93.70719	Brushy Mountain prospect					Arkansas Novaculite	U	USBM Bull. 645	04/29/03	stalactitic psilomelane and cement or veins in breccia
728	4032	Pike	manganese	Lodi	11*	5S	26W	34.32262	-93.75	W. T. White prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	brown and red iron oxide in clay; *lat/lon estimated from description in USBM Bull. 645
729	4033	Pike	manganese	Lodi	11*	5S	26W	34.32262	-93.75	N. F. White prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	thin seams of psilomelane and manganite; *lat/lon estimated from description in USBM Bull. 645
730	4034	Pike	manganese	Langley	10	5S	26W	34.32743	-93.77775	Rattlesnake prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	few limonite and psilomelane veins, max. width 9 inches
731	4035	Pike	manganese	Langley	6	5S	26W	34.34103	-93.82162	Prospect No. 3					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	psilomelane with minor wad and limonite in clay zone 7 feet wide
732	4036	Pike	manganese	Langley	5	5S	26W	34.3412	-93.81226	Prospect No. 2					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	small pockets and veins of wad mixed with clay
733	4037	Pike	manganese	Langley	6	5S	26W	34.34099	-93.82354	Risner Mountain prospects					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	very thin veins of psilomelane, limonite, and ferruginous manganese oxide
734	4038	Pike	manganese	Langley	3	5S	26W	34.34288	-93.766	R. M. Cogburn prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	boulders of novaculite display small veins and pockets of psilomelane
735	4039	Pike	manganese	Lodi	5, 6	5S	25W	34.33292	-93.70945	North American Manganese Co. mine					Arkansas Novaculite	Ab	USBM Bull. 645	09/12/01	pockets of psilomelane with inclusion of pyrolusite in novaculite; estimated 18,000 tons of 10 percent manganese ore
736	4040	Pike	manganese	Langley	8, 9	5S	26W	34.32824	-93.79421	Joseph Kehr prospect					Arkansas Novaculite	U	USBM Bull. 645	09/12/01	psilomelane in breccia zone and narrow veins in fractures associated with faults; estimated 1670 tons milling ore to yield 334 tons of 25-40 percent manganese concentrates
737	4375	Polk	manganese	Eagle Mountain	36	3S	30W	34.45241	-94.16303	Mine					Arkansas Novaculite	Ab	Topo map, 1986	09/17/01	
738	4376	Polk	manganese	Eagle Mountain	35	3S	30W	34.44693	-94.16701	Mine					Arkansas Novaculite	Ab	Topo map, 1986	09/17/01	
739	4377	Polk	manganese	Eagle Mountain	35	3S	30W	34.4534	-94.16774	Mine					Arkansas Novaculite	Ab	Topo map, 1986	09/19/01	
740	4378	Polk	manganese	Eagle Mountain	35	3S	30W	34.4526	-94.17839	Mine					Arkansas Novaculite	Ab	Topo map, 1986	09/19/01	
741	4379	Polk	manganese	Eagle Mountain	35	3S	30W	34.45269	-94.17873	Mine					Arkansas Novaculite	Ab	Topo map, 1986	09/19/01	
742	4380	Polk	manganese	Eagle Mountain	35	3S	30W	34.45282	-94.17917	Mine					Arkansas Novaculite	Ab	Topo map, 1986	09/19/01	
743	4381	Polk	manganese	Eagle Mountain	25	3S	30W	34.45839	-94.15253	Eagle Mountain mine					Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1986	09/17/01	noted on topo with 2 mine symbols in this section
744	4382	Polk	manganese	Eagle Mountain	25	3S	30W	34.45929	-94.15374	Eagle Mountain mine					Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1986	09/17/01	noted on topo with 2 mine symbols in this section
745	4383	Polk	manganese	Eagle Mountain	27	3S	30W	34.46222	-94.18911	Ward mine		Arkansas Development Co.			Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1986	09/17/01	shaft and tunnel; veins and pockets of pyrolusite and psilomelane; 20 short tons production; named gravel pit on topo
746	4384	Polk	manganese	Eagle Mountain	23	3S	30W	34.47135	-94.1729	Mine					Arkansas Novaculite	Ab	Topo map, 1986	09/17/01	
747	4386	Polk	manganese	Big Fork	35, 36	3S	28W	34.44438	-93.94632	Lost Hatchet mine					Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1980	09/18/01	open cut; psilomelane; 10 short tons concentrate produced; noted on topo map as shale pit
748	4387	Polk	manganese	Eagle Mountain	20	3S	30W	34.47199	-94.22931	Boar Tusk prospects					Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	trenches; no recorded production
749	4388	Polk	manganese	Eagle Mountain	19	3S	30W	34.47322	-94.23707	Boar Tusk prospects					Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1986	09/19/01	mine symbol on topo map
750	4389	Polk	manganese	Eagle Mountain	19	3S	30W	34.47414	-94.23936	Boar Tusk prospects					Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1986	09/19/01	mine symbol on topo map
751	4390	Polk	manganese	Eagle Mountain	19	3S	30W	34.47435	-94.24114	Boar Tusk prospects					Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1986	09/19/01	mine symbol on topo map
752	4391	Polk	manganese	Eagle Mountain	19	3S	30W	34.47606	-94.24239	Boar Tusk prospects					Arkansas Novaculite	Ab	USBM Bull. 645, Topo map 1986	09/19/01	mine symbol on topo map

APPENDIX-Database of Arkansas Critical Mineral Site Locations

753	4392	Polk	manganese	Eagle Mountain	26, 27, 34*	3S	30W	34.45536	-94.18303	American prospect					Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	trenches; no recorded production; *adjoining portions of the 3 sections, lat/lon estimated for weighted center of location from description in USBM Bull. 645
754	4393	Polk	manganese	Eagle Mountain	5*	4S	30W	34.42802	-94.21836	West Hanna Mountain	Bowen claim				Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	psilomelane and manganite in seams to 3 inches thick and 3 feet long in fractured novaculite; *lat/lon estimated from description in USGS Bull. 645
755	4394	Polk	manganese	Eagle Mountain	1*	4S	30W	34.4272	-94.16216	West Hanna Mountain	W. Allen claim				Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	psilomelane and manganite seams to 3 inches thick in fractured novaculite; *lat/lon estimated from description in USBM Bull. 645
756	4395	Polk	manganese	Eagle Mountain	10*	4S	30W	34.42523	-94.18334	Prospect				Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	manganese ore in veins and pockets in novaculite; *lat/lon estimated from description in USBM Bull. 645	
757	4396	Polk	manganese	Eagle Mountain	10*	4S	30W	34.41635	-94.18994	Prospect				Arkansas Novaculite	Ab	USBM Bull. 645	05/19/03	manganese ore in veins and pockets in novaculite; *lat/lon estimated from description in USBM Bull. 645	
758	4397	Polk	manganese	Eagle Mountain	10*	4S	30W	34.4239	-94.19093	Prospect				Arkansas Novaculite	Ab	USBM Bull. 645	05/19/03	manganese ore in veins and pockets in novaculite; *lat/lon estimated from description in USBM Bull. 645	
759	4398	Polk	manganese	Eagle Mountain	10*	4S	30W	34.4163	-94.19208	Prospect				Arkansas Novaculite	Ab	USBM Bull. 645	05/19/03	manganese ore in veins and pockets in novaculite; *lat/lon estimated from description in USBM Bull. 645	
760	4399	Polk	manganese	Eagle Mountain	10*	4S	30W	34.4233	-94.19624	Prospect				Arkansas Novaculite	Ab	USBM Bull. 645	05/19/03	manganese ore in veins and pockets in novaculite; *lat/lon estimated from description in USBM Bull. 645	
761	4400	Polk	manganese	Eagle Mountain	5*	4S	30W	34.42952	-94.22199	Prospect				Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	manganese ore in veins and pockets in novaculite; *lat/lon estimated from description in USBM Bull. 645	
762	4401	Polk	manganese	Eagle Mountain	5*	4S	30W	34.42952	-94.22199	Prospect				Arkansas Novaculite	Ab	USBM Bull. 645	05/19/03	manganese ore in veins and pockets in novaculite; *lat/lon estimated from description in USBM Bull. 645; note: although there are 2 prospects listed with the same lat/lon, this is correct, there are two prospects within the accuracy limits of the estimati	
763	4402	Polk	manganese	Bog Springs	10*	5S	32W	34.34416	-94.4111	Lavine prospect				Arkansas Novaculite	Ab	USBM Bull. 645, AGC 2006 field data	09/18/01	manganese stains and psilomelane lenses in novaculite; *lat/lon estimated from description in USBM Bull. 645, not found during field work	
764	4403	Polk	manganese	Bog Springs	14*	5S	32W	34.32622	-94.38833	Hablitzel prospect				Arkansas Novaculite	Ab	USBM Bull. 645, AGC 2006 field data	09/18/01	psilomelane in novaculite; *lat/lon estimated from description in USBM Bull. 645, not found during field work	
765	4404	Polk	manganese	Bog Springs	18*	5S	32W	34.32571	-94.46191	Doty prospect				Arkansas Novaculite ?	Ab	USBM Bull. 645, AGC 2006 field data	09/18/01	*lat/lon estimated from description in USBM Bull. 645, not found during field work but must be in the N 1/2 of the section to be in the Arkansas Novaculite	
766	4405	Polk	manganese	Eagle Mountain	6*	4S	29W	34.43304	-94.13675	Sugarstick mine				Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	stripping, drift and slope mining; 18 carloads ore produced	
767	4406	Polk	manganese	Nichols Mountain	33*	3S	29W	34.45274	-94.10249	Dr. Scott claim and prospect				Arkansas Novaculite ?	Ab	USBM Bull. 645	09/18/01	22 short tons of ore produced; *lat/lon estimated from description in USBM Bull. 645	
768	4407	Polk	manganese	Nichols Mountain	18	4S	28W	34.40573	-94.031	Buckeye Mountain mine				Arkansas Novaculite	Ab	AGC 2006 field data	04/26/06	now withdrawn within Caney Creek Wilderness Area	
769	4408	Polk	manganese	Nichols Mountain	1	4S	29W	34.43273	-94.05165	Mine				Arkansas Novaculite	Ab	Topo map 1986, AGC 2004 field data	09/17/01		
770	4409	Polk	manganese	Eagle Mountain	7*	4S	29W	34.42038	-94.13082	Pickel manganese prospect				Arkansas Novaculite	Ab	USBM Bull. 645	09/18/01	40 foot trench; *lat/lon estimated from description in USBM Bull. 645	
771	4410	Polk	manganese	Nichols Mountain, Umpire	29*	4S	28W	34.37712	-94.01759	E. S. White prospect				Arkansas Novaculite	Ab	USBM Bull. 645, AGC 2006 field data	09/18/01	pits; psilomelane in fractures and replacing novaculite; *lat/lon estimated from description in USBM Bull. 645, not found during field work	
772	4815	Searcy	manganese	Marshall	32	16N	16W	35.98236	-92.69968	Prospect				Everton	Ab	2007-08 AGS STATEMAP	07/01/08	Small dig (prospect?) in Oe (8' wide X 12' deep X 15' high)	
773	4816	Searcy	manganese	Marshall	34	16N	16W	35.98376	-92.66042	Prospect				St. Joe	Ab	2007-08 AGS STATEMAP	07/01/08	Small dig (prospect?); mod Mn content	
774	4817	Searcy	manganese	Marshall	1	15N	16W	35.97119	-92.633	Prospect				St. Joe	Ab	2007-08 AGS STATEMAP	07/01/08	Msj vein dig (quarry or prospect?); abundant pyrite w/ phos; shaly base	
775	4818	Searcy	manganese	Harriet	31	16N	15W	35.98737	-92.62329	Mine				St. Joe	Ab	2007-08 AGS STATEMAP	07/01/08	Large Mn mine at Treat home (filled in, est dimensions N/A)	
776	5320	Sharp	manganese	Cave City	13	15N	6W	35.94289	-91.58238	Mines				Cason/Fernvale	Ab	USBM Bull. 645, AGS 2007 field data	10/11/01	Mn oxide as nodules and lumps in residual clay from weathering of formations; no production records; last operated in 1957-58; 2 producing open pit mines and 5 prospects located within a 20 acre area of disturbed ground, entire area fenced and posted, but	

APPENDIX-Database of Arkansas Critical Mineral Site Locations

777	6949	Hot Spring	manganese	Social Hill	20*	4S	18W	34.3722	-92.95573	Prospect						Arkansas Novaculite	U	USBM Bull. 645	08/10/01	fractures in country rock coated with manganese and iron oxides covers several acres; *lat./lon. estimated from description in USBM Bull. 645
778	7075	Garland	manganese	McGraw Mountain	31, 32*	2S	22W	34.52535	-93.38725	McGraw Mountain deposits						Collier/Mazarn/Blakely	I	USBM Bull. 645, 1976 AGC Worksheet	08/07/01	50 tons ore mined just before World War 2 from fractures in sandstone in these sections; *lat./lon. estimated from description in USBM Bull. 645
779	7076	Garland	manganese	Crystal Springs, Percy	4*	3S	22W	34.50415	-93.36766	Deposit						Arkansas Novaculite	U	USBM Bull. 645, 1976 AGC Worksheet	08/07/01	with limonite in residual clays; *lat./lon. estimated from description in USBM Bull. 645
780	7077	Garland	manganese	Percy	16*	3S	22W	34.47398	-93.36798	Occurrence						Arkansas Novaculite	U	USBM Bull. 645, 1976 AGC Worksheet	08/07/01	traces of psilomelane on ridge extends west from Meyers Creek; *lat./lon. estimated from description in USBM Bull. 645
781	4385	Polk	manganese*	Big Fork	13	4S	28W	34.39995	-93.94791	Coon Creek mine	York claim		Meredith York			Arkansas Novaculite	A	USBM Bull. 645	09/18/01	*present claim is inactive for manganese; 2 open cuts; psilomelane; 50 short tons of concentrate produced; iron phosphates as mineral specimens
782	2284	Independence	phosphate rock	Cave City	6	14N	5W	35.89173	-91.56802	Hickory Valley phosphate deposit	Milligan Tract					Cason	U	USBM Bull. 645, AGC Bull. 15	08/22/01	deposit averages 16 feet in thickness and contains ~160,000 tons of 18 % P2O5
783	2285	Independence	phosphate rock	Bethesda	15	14N	8W	35.86278	-91.84139	Lafferty Creek mine						Cason	Ab	USBM Bull. 645	02/20/03	total production from 1902-1912 estimated at 31,700 long tons
784	3645	Montgomery	phosphate rock	Bonnerdale	11	4S	23W	34.40382	-93.44078	Woodall prospect						Stanley*	U	USBM Bull. 645, Cogeo map	09/07/01	nodular phosphatic rock with less than 4 percent phosphate; *listed as Stanley in USBM 645, shown as Arkansas Novaculite on Cogeo map
785	5502	Van Buren	phosphate rock	Leslie	13	13N	15W	35.7735	-92.53883	Exposure						Hale	U	USBM Bull. 645	10/15/01	deposit is from 3-30 feet thick, is exposed over a distance of about 1500 feet, and averages 23 percent P2O5; "Imo"
786	5503	Van Buren	phosphate rock	Leslie	12	13N	15W	35.78687	-92.5356	Peyton Creek Mine		Peyton Creek Minerals, Inc.	John M. Martinek	PO Box 797467, Dallas, TX 75379	972-458-4300	Pitkin	A	ADEQ	06/26/01	a few thousand tons of production from 1963-63; lat./lon. from AGC field data, 2002
787	6954	Hot Spring	phosphate rock	Malvern North	18, 19	3S	17W	34.4557	-92.86758	Occurrence						Igneous	U	USBM Bull. 645	08/10/01	residual apatite-rich phosphate overlies carbonatite bodies
788	7585	Saline	phosphate rock	Ferndale	2	1N	15W	34.75667	-92.57371	Exposure						Womble	U	USBM Bull. 645	09/27/01	conglomerates in a 300 foot interval contain up to 5 percent P2O5, too low for commercial value currently
789	7774	Pulaski	phosphate rock	Alexander	20	1N	13W	34.71079	-92.41934	Deposit						Womble	U	USBM Bull. 645	09/21/01	low grade conglomerate deposit with up to 5 percent P2O5
790	2286	Independence	rare earths	Bethesda	15	14N	8W	35.86278	-91.84139	Lafferty Creek mine						Cason	U	AGC IC 33	08/22/01	sampling in 1969 and 1987 of phosphorites and shales showed an average of 1692.2 ppm rare earths
791	2287	Independence	rare earths	Bethesda	14	14N	8W	35.86111	-91.81361	road ditch outcrop						Cason	U	AGC IC 33	08/22/01	sampling in 1969 and 1987 of phosphorites and shales showed an average of 1692.2 ppm rare earths
792	2288	Independence	rare earths	Bethesda	16	14N	7W	35.865	-91.75278	road ditch outcrop						Cason	U	AGC IC 33	08/22/01	sampling in 1969 and 1987 of phosphorites and shales showed an average of 1692.2 ppm rare earths
793	2289	Independence	rare earths	Batesville	27	14N	7W	35.825	-91.72306	dump of test pit						Cason	U	AGC IC 33	08/22/01	sampling in 1969 and 1987 of phosphorites and shales showed an average of 1692.2 ppm rare earths
794	2531	Izard	rare earths	Mount Pleasant	4	14N	8W	35.88889	-91.86	Love Hollow quarry						Cason	U	AGC IC 33	08/22/01	sampling in 1969 and 1987 of phosphorites and shales showed an average of 1692.2 ppm rare earths
795	5504	Van Buren	rare earths	Leslie	12	13N	15W	35.78687	-92.5356	Peyton Creek mine		Peyton Creek Minerals, Inc.	John M. Martinek	PO Box 797467, Dallas, TX 75379	972-458-4300	Pitkin	U	AGC IC 33	08/22/01	chip composite
796	1790	Howard	strontium	Dierks	11, 12, 13, 14	8S	29W	34.07577	-94.05145	Deposit						Trinity Gp	U	OK GS Circ. 102	08/13/01	bedded deposit extends under ridge that extends sw and ne from this point
797	1791	Howard	strontium	Dierks	7, 8, 17, 18	8S	29W	34.08392	-94.02819	Deposit						Trinity Gp	U	OK GS Circ. 102	02/19/03	bedded deposit extends into sections 7, 8, 17, & 18, T8S, R28W; * lat./lon. estimated at northern center of the deposit
798	1792	Howard	strontium	Nathan	14*	8S	27W	34.06157	-93.84664	occurrence in James Hardie Gypsum Mine		James Hardie Gypsum				Trinity Gp	U	OK GS Circ. 102	08/13/01	thin bedded layers interbedded with gypsum wasted during mining operation; * entire mined areas cover major portions of sections 11, 12, 13 and 14
799	1793	Howard	strontium	Dierks	7	8S	28W	34.07992	-94.02447	James prospect						Trinity Gp	I	USBM Bull. 645	08/14/01	90 tons of celestine ore mined in 1942-43
800	1794	Howard	strontium	Dierks, Center Point	8	8S	28W	34.07433	-94.00519	Goodson prospect						Trinity Gp	U	USBM Bull. 645	08/14/01	20 test pits over 1.5 acres, maximum thickness 4 inches for celestine bed
801	1795	Howard	strontium	Nathan	15	8S	27W	34.06659	-93.87281	Deposit						Trinity Gp	U	USBM Bull. 645	08/14/01	Table: nodules and geodic bodies in massive beds of De Queen Limestone Member
802	1796	Howard	strontium	Center Point	15	8S	28W	34.06375	-93.96744	Deposit						Trinity Gp	U	USBM Bull. 645	08/14/01	Table: nodules of white celestine in 2nd limestone above base of De Queen Limestone Member
803	1797	Howard	strontium	Center Point	15	8S	28W	34.0638	-93.97195	Messers Creek						Trinity Gp	U	USBM Bull. 645	08/14/01	listed in table
804	1798	Howard	strontium	Dierks	17	8S	28W	34.07015	-94.00504	Dierks Lumber Company						Trinity Gp	U	USBM Bull. 645	08/14/01	Table: ledge of celestine above thin gray limestone
805	1799	Howard	strontium	Dierks	17	8S	28W	34.068	-94.00535	Wynn home						Trinity Gp	U	USBM Bull. 645	08/14/01	Table: 2-inch bed and 6-inch bed separated by 4 inches of shale
806	1800	Howard	strontium	Dierks	8	8S	28W	34.07749	-94.00068	Outcrop						Trinity Gp	U	USBM Bull. 645	08/14/01	Table: celestine outcrops in roadside ditches
807	1801	Howard	strontium	Center Point	12	8S	28W	34.07564	-93.93032	Bene	Bean					Trinity Gp	U	USBM Bull. 645	08/14/01	
808	1802	Howard	strontium	Center Point	12	8S	28W	34.07581	-93.94358	Kesterson						Trinity Gp	U	USBM Bull. 645	08/14/01	Table: cut in hill, 450 feet long by 40 feet wide

APPENDIX-Database of Arkansas Critical Mineral Site Locations

809	4217	Pike	strontium	Nathan	15*	8S	26W	34.05345	-93.76761	Prospect pit						Trinity Gp	U	USBM Bull. 645	09/12/01	prospect pit contains celestine and strontianite; *lat./lon estimated from description in USBM Bull. 645
810	1614	Hempstead	titanium	Nashville	6*	10S	26W	33.91651	-93.81367	Occurrence						Tokio	U	USBM Bull. 645, 1976 AGC Worksheet	08/10/01	sparse ilmenite in surficial sands in NE-SW trend; *lat./lon. estimated from description in USBM Bull. 645
811	1803	Howard	titanium	Mineral Springs North	11, 12, 13, 14	10S	28W	33.90231	-93.93753	Pink Green deposit						Tokio	U	AGC IC 34, USBM Bull. 645	08/14/01	Pink Green deposit restricted to section 12
812	1804	Howard	titanium	Mineral Springs North, Mineral Springs South	23, 24	10S	28W	33.87445	-93.95004	Beulah Green deposit						Tokio	U	AGC IC 34, USBM Bull. 645	08/14/01	
813	1805	Howard	titanium	Mineral Springs North	18*	10S	27W	33.88827	-93.92254	Deposit						Tokio	U	USBM Bull. 645	08/14/01	*lat./lon estimated from description in USBM Bull. 645
814	7044	Hot Spring	titanium	Malvern North	5	4S	17W	34.40437	-92.85608	Placer Deposit						Terrace	Ab	USBM Bull. 645, Google earth 2011	08/10/01	placer rutile in terrace deposit derived from Magnet Cove intrusion
815	7045	Hot Spring	titanium	Malvern North	17*	3S	17W	34.47042	-92.86067	Occurrence						Igneous	U	USBM Bull. 645	08/10/01	rutile-bearing veins and rutile crystals in coarse-grained weathered igneous rock; *lat./lon. estimated from description in USBM Bull. 645
816	7046	Hot Spring	titanium	Malvern North	20*	3S	17W	34.45141	-92.85505	Placer Deposit	Heath Farm					Residuum	U	USBM Bull. 645	08/10/01	residual placer rutile deposit in soil; *lat./lon. estimated from description in USBM Bull. 645
817	7041	Hot Spring	titanium, columbium	Malvern North	17, 18	3S	17W	34.46784	-92.86844	Magnet Cove Rutile Company deposit	Titanium Corporation of America pit					Igneous	Ab	USBM Bull. 645, Google earth 2011	08/10/01	rutile deposit, was mined early 1940s, then later investigated by USBM by drilling, finally investigated by Bechtel for rutile separation from niobium; niobium also present
818	7043	Hot Spring	titanium, columbium	Lake Catherine	18, 19*	3S	17W	34.45759	-92.87568	Carbonatite bodies						Igneous	U	USBM Bull. 645	08/10/01	columbium-bearing perovskite present as accessory mineral in carbonatite and soils derived from weathering of carbonatite; * lat./lon. is for Kimzey calcite quarry
819	7042	Hot Spring	titanium, columbium, lithium	Malvern North	16, 17	3S	17W	34.46643	-92.84735	Hardy-Walsh deposit						Arkansas Novaculite	U	USBM Bull. 645, Google earth 2011	08/10/01	brookite; niobium also present; lithium present as veins of taeniolite, a titanium prospect that was trenched and later drilled for vanadium resources
820	7347	Garland	uranium	Lake Catherine	17, 18*	3S	18W	34.47252	-92.96802	Occurrence at Potash Sulphur Springs intrusion						Igneous	U	USBM Bull. 645	08/07/01	mined for vanadium; Wilson Springs mines at Potash Sulphur Springs; *lat./lon. estimated from description in USBM Bull. 645
821	7348	Garland	vanadium	Lake Catherine	7, 8, 17, 18	3S	18W	34.4784	-92.96821	Wilson Springs mines at Potash Sulphur Springs		U. S. Vanadium Corporation	Kelly D. Bryant*	4285 Malvern Road, Hot Springs, AR 71901-8864	501-262-1270	Arkansas Novaculite	I**	ADEQ, Topo map 1978, MSHA 2002	06/25/01	topo map shows 5 mine symbols; *MSHA 2002 lists M. S. Weatherford as contact; **MSHA 2002 lists as active, ADEQ lists permit as inactive; ADEQ lat/longs inaccurate
822	7047	Hot Spring	vanadium, titanium	Malvern North	16, 21	3S	17W	34.45785	-92.84454	Christy deposit						Arkansas Novaculite	R	USBM Bull. 645, Google earth 2011	08/10/01	brookite; niobium also present; mined for vanadium, now reclaimed