TABLE 2 -- SOILS ASSOCIATED WITH LESPEDEZA

Copper, cobalt and zinc were extracted with tenth normal hydrochloric acid; calcium, magnesium, and potassium were extracted with 2.5% acetic acid. Boron was extracted by boiling water. Samples are listed in the same order as in Table 1.

County	Soil Type	Location	1952 Ignition Loss Percent	1952 Calcium Percent	1952 Magnesium Percent	1952 Potassium Percent	1952 Copper ppm	1952 Cobalt ppm	1951 Zinc ppm	1951 Boron ppm	1951 Ignition loss Percent	1951 Calcium Percent	1951 Magnesium Percent	1951 Potassium Percent	1951 Copper ppm	1951 Cobalt ppm	1950 Zinc ppm	1950 Boron ppm	1950 Ignition loss Percent	1950 Calcium Percent	1950 Magnesium Percent	1950 Potassium Percent	1950 Copper ppm	1950 Cobalt ppm	1950 Zinc ppm
Randolph	Putnam S.L.	S21, T54N, R13W	8.12	0.146	0.038	0.0124	5.4	1.6	2.9	1.1	6.16	0.229	0.029	0.0121	3.6	3.5	4.1	1.7	5.11	0.087	0.015	0.0053	1.9	1.8	4.0
Randolph	Putnam S.L.	S13, T53N, R13W	7.91	.202	.038	.0112	5.0	3.1	3.1	1.2	8.43	.304	.039	.0122	3.2	2.9	4.3	1.8	4.84	.087	.035	.0047	2.9	1.5	2.9
Randolph	Putnam S.L.	S9, T52N, R15W									7.65	1.92	.056	.0077	3.3	2.3	4.8	2.8	4.77	.098	.023	.0048	3.7	1.5	3.2
Randolph	Putnam S.L.	S14, T53N, R13W	5.80	.137	.025	.0049	3.7	2.0	4.2	1.3	5.82	.093	.022	.0069	2.5	1.5	10	1.8	4.98	.097	.030	.0062	2.5	1.2	3.4
Audrain	Putnam S.L.	S26, T52N, R12W	5.08	.114	.023	.0052	3.6	2.0	3.0	.80	5.26	.117	.032	.0046	2.5	1.5	8.8	1.6	4.78	.084	.028	.0066	3.7	1.7	2.6
Boone	Putnam S.L.	S27, T51N, R11W									7.16	.098	.053	.0070	3.0	2.7	4.5	1.4	5.26	.070	.031	.0064	3.3	1.8	4.0
Boone	Putnam S.L.	S34, T51N, R11W	5.56	.092	.017	.0042	4.3	2.0	3.3	.98	5.18	.142	.062	.0044	2.6	1.5	3.2	2.3	6.46	.073	.020	.0062	2.6	1.2	3.0
Boone	Putnam S.L.	S34, T51N, R11W					3.7	2.1	3.6	.85	6.94	.151	.013	.0086	2.6	2.3	5.2	1.5	4.37	.060	.019	.0080	2.4	3.6	3.0
Boone	Putnam S.L.	S27, T51N, R11W	4.98	.101	.016	.0048	3.8	1.6	3.9	.90	7.60	.153	.028	.0116	3.0	3.1	7.4	1.4	5.25	.086	.023	.0058	3.7	2.7	4.6
Boone	Putnam S.L.	S1, T51N, R13W	4.83	.107	.016	.0057	3.6	1.8	3.1	.80	6.92	.150	.016	.0099	2.6	1.9	5.5	1.7	4.70	.074	.021	.0052	2.8	1.7	3.3
New Madrid	Lintonia F.S.L.	Survey 619	2.00	.085	.0044	.0053	1.8	1.4	2.3	.85	2.53	.065	.007	.0122	2.2	1.0	3.1	2.3							
New Madrid	Lintonia F.S.L.	Sikeston	2.91	.115	.022	.0125	3.1	2.2	3.8	1.6															
New Madrid	Lintonia F.S.L.	Survey 1032	4.32	.159	.062	.0062	2.6	1.6	2.5	1.4	1.69	.051	.003	.0076	1.5	.80	2.6	1.5							
New Madrid	Lintonia F.S.L.	Survey 1032	2.52	.060	.017	.0093	1.6	.88	2.5	.95															
New Madrid	Lintonia F.S.L.	Survey 1077	2.44	.099	.014	.0050	2.2	1.6	2.3	1.2	3.71	.111	.022	.0086	2.9	1.2	4.2	1.2							
New Madrid	Lintonia F.S.L.	Survey 126									3.76	.144	.017	.0062	2.9	1.2	3.1	1.2							
Scott	Lintonia F.S.L.	S13, T26N, R13E									2.06	.082	.018	.0086	2.7	.84	12.6	1.9							
Wright	Clarksville St.L.	S8, T30N, R13W	6.66	.125	.037	.0125	3.2	3.2	3.3	1.9	6.08	.148	.014	.0116	1.9	2.6	3.4	1.9	3.23	.047	.015	.0043	1.8	3.0	1.9
Wright	Clarksville St.L.	S4, T29N, R14W	6.04	.108	.046	.0206	2.0	2.0	2.7	1.1		.287	.078	.0218	3.5	3.3	7.4	2.0	4.56	.062	.019	.0047	2.5	1.8	2.0
Laclede	Clarksville St.L.	S4, T32N, R14W	8.39	.155	.022	.0094	2.5	3.6	5.2	2.1	3.80	.086	.073	.0061	1.4	1.2	3.4	1.1	4.14	.104	.033	.0091	1.8	2.3	2.4
Wright	Clarksville St.L.	S?, T32N, R15W	6.35	.130	.011	.0160	2.6	1.9	4.0	1.5	4.61	.236	.0073	.0114	1.6	2.1	4.4	1.1	3.69	.518	.022	.0172	3.6	2.6	1.7
Pulaski	Clarksville St.L.	S17, T35N, R13W	4.82	.095	.036	.0059	2.0	3.1	4.5	1.4	3.65	.062	.034	.0063	2.6	1.9	4.1	.80	3.40	.078	.027	.0058	2.5	2.6	2.2
Pulaski	Clarksville St.L.	S26, T36N, R12W	7.45	.114	.026	.0090	2.1	3.0	3.0	1.7	6.55	.165	.032	.0266	3.9	3.2	1.4	1.4	2.94	.040	.028	.0056	1.5	1.5	1.8
Pulaski	Clarksville St.L.	S17, T37N, R12W	4.83	.185	.040	.0050	2.1	2.6	2.9	1.8	5.90	.060	.036	.0091	2.4	3.9	5.5	.74	3.73	.069	.013	.0065	2.7	3.3	3.1
Maries	Clarksville St.L.	S2, T38N, R11W	4.18	.069	.017	.0085	1.9	2.3	1.5	1.8	8.95	.469	.062	.0130	8.6	5.5	3.4	.85	3.35	.059	.0050	.0071	2.2	2.4	3.2
Maries	Clarksville St.L.	S15, T40N, R11W									5.53	.048	.0029	.0109	1.7	2.7	3.3	1.1	3.38	.078	.024	.0072	1.8	2.4	3.2
Osage	Clarksville St.L.	S13, T42N, R11W	10.02	.289	.098	.0153	2.5	3.7	6.1	1.8	3.76	.087	.018	.0059	1.6	2.8	2.3	.90	3.87	.084	.022	.0083	2.0	2.4	2.1
Jasper	Cherokee S.L.	S29, T30N, R33W									5.91	.100	.0072	.0039	3.3	1.6	57	1.1	*						
Barton	Cherokee S.L.	S28, T31N, R33W	6.93	.111	.019	.0060	2.6	1.1	5.7	.80	3.79	.105	.016	.0042	1.8	1.8	5.3	.80	3.31	.080	.0053	.0046	2.8	1.2	26
Barton	Cherokee S.L.	S10, T32N, R33W	6.04	.138	.035	.0049	3.7	2.1	4.1	1.1	6.62	.146	.0092	.0165	2.5	2.0	6.7	1.6	4.83	.081	.028	.0056	3.0	2.1	3.3
Barton	Cherokee S.L.	S32, T32N, R33W									4.67	.070	.026	.0092	3.3	2.4	31	.75	4.37	.037	.013	.0071	2.2	.74	4.2
Barton	Cherokee S.L.	S8, T31N, R33W									6.09	.109	.019	.0052	2.2	1.3	4.0	.85	3.95	.046	.027	.0070	3.1	1.7	6.2
Barton	Cherokee S.L.	S31, T32N, R32W									6.91	.122	.029	.0083	2.6	2.4	3.2	1.6	3.68	.075	.022	.0061	3.1	1.6	7.7
Barton	Cherokee S.L.	S35, T32N, R32W	4.96	.128	.021	.0038	2.4	1.4	12	.82	4.70	.119	.0095	.0041	2.4	1.3	16	1.1	4.31	.087	.018	.0057	3.9	2.2	3.8
Barton	Cherokee S.L.	S11, T31N, R32W									3.96	.150	.0051	.0050	2.3	1.5	6.4	.92	4.89	.086	.015	.0073	3.7	1.5	6.1
Barton	Cherokee S.L.	S11, T31N, R32W	3.62	.101	.011	.0033	2.2	1.0	2.6	1.0	4.83	.227	.012	.0042	2.7	1.6	13.4	1.1	4.51	.097	.018	.0058	3.3	1.3	4.2
Barton	Cherokee S.L.	S27, T31N, R32W	4.50	.118	.015	.0053	2.7	1.5	3.1	.95	3.36	.094	.011	.0034	2.1	1.4	12.6	.85	3.47	.078	.0073	.0052	2.8	1.6	3.3
Andrew	Marshall S.L.	S27, T60N, R35W	7.09	.167	.031	.0125	2.8	1.9	3.7	.85	6.55	.198	.045	.0160	2.4	2.5	4.4	1.2	5.54	.132	.043	.0111	2.5	1.4	25
Holt	Marshall S.L.	S27, T60N, R38W	6.74	.174	.030	.0203	3.1	2.1	5.3	1.2	7.19	.173	.046	.0208	1.6	1.5	11.0	2.4	6.05	.156	.035	.0166	4.2	1.6	13
Holt	Marshall S.L.	S20, T61N, R37W	7.12	.152	.055	.0153	3.0	1.8	3.0	1.2	6.83	.141	.040	.0206	2.2	1.6	4.0	.81	6.27	.137	.054	.0172	2.5	1.4	4.8
Holt	Marshall S.L.	S?, T61N, R37W									7.46	.175	.035	.0160	2.4	1.3	4.5	1.5	8.13	.171	.035	.0312	3.2	2.4	6.2
Holt	Marshall S.L.	S23, T62N, R38W	8.56	.183	.045	.0572	3.6	3.2	4.4	1.2	8.07	.352	.038	.0238	3.0	3.0	7.8	1.7	8.33	.186	.042	.0360	4.8	2.9	4.7
Holt	Marshall S.L.	S36, T62N, R38W	7.26	.195	.033	.0211	3.2	2.7	3.0	.98	7.38	.275	.034	.0174	2.7	2.3	7.9	1.1	6.71	.155	.033	.0156	3.2	2.2	3.3
Atchison	Marshall S.L.	S12, T63N, R40W	7.04	.157	.045	.0254	2.7	2.0	3.7	1.0	5.91	.391	.063	.0201	2.6	2.0	4.8	.87	6.38	.126	.046	.0298	3.1	1.6	3.9
Atchison	Marshall S.L.	S13, T63N, R40W	6.72	.174	.034	.0143	2.2	1.2	2.2	1.2	6.00	.194	.044	.0122	3.1	1.8	5.7	1.5	6.40	.138	.042	.0222	2.3	1.2	10
Atchison	Marshall S.L.	S13, T63N, R40W	6.75	.164	.035	.0212	2.8	2.1	3.0	1.0	6.16	.169	.033	.0269	2.5	1.5	3.7	1.9	6.27	.121	.048	.0320	3.1	1.6	4.8
Atchison	Marshall S.L.	S12, T63N, R40W	8.28	.186	.041	.0329	3.1	3.0	5.0	1.3	7.75	.196	.043	.0134	2.5	2.5	5.6	1.3	7.90	.156	.044	.0360	3.3	2.3	6.3
Atchison	Marshall S.L.	S?, T65N, R40W	7.19	.141	.042	.0169	2.8	2.6	3.2	1.4	6.94	.159	.039	.0350	2.4	2.3	5.9	1.0	*						
Atchison	Marshall S.L.	S10, T66N, R50W	8.00	.184	.038	.0179	3.8	3.0	4.5	1.0	8.82	.250	.047	.0420	2.4	2.8	6.4	1.2	6.78	.170	.045	.0171	4.0	2.0	9
Atchison	Marshall S.L.	S33, T67N, R40W	7.20	.170	.035	.0173	3.9	2.9	3.3	1.0	8.10	.196	.038	.0252	3.3	3.0	1.2	14.7	6.34	.180	.052	.0234	3.7	2.4	5.0
Atchison	Marshall S.L.	S14, T63N, R40W	6.76	.189	.017	.0228	2.9	2.1	3.6	1.4	8.48	.176	.062	.0451	2.8	2.6	5.0	1.2	6.42	.140	.025	.0232	2.3	1.4	7.7

*The sample was lost.