Table 3. Complete geochemical data on 0–15-cm soils from Colorado (N = 960).

[Latitude and Longitude determined by hand-held GPS instrument using WGS84 datum. Abbreviation of element names: Hg, mercury; Al, aluminum; Ca, calcium; Fe, iron; K, potassium; Mg, magnesium; Na, sodium; S, sulfur; Ti, titanium; Ag, silver; As, arsenic; Ba, barium; Be, beryllium; Bi, bismuth; Cd, cadmium; Ce, cerium; Co, cobalt; Cr, chromium; Cs, cesium; Cu, copper; Ga, gallium; In, indium; La, lanthanum; Li, lithium; Mn, manganese; Mo, molybdenum; Nb, niobium; Ni, nickel; P, phosphorus; Pb, lead; Rb, rubidium; Sb, antimony; Sc, scandium; Sn, tin; Sr, strontium; Te, tellurium; Th, thorium; Tl, thallium; U, uranium; V, vanadium; W, tungsten; Y, yttrium; Zn, zinc; Se, selenium. Other abbreviations: CVAA, cold-vapor atomic absorption spectrometry; Hydride AA, hydride-generation atomic absorption spectrometry; mg/kg, milligrams per kilogram; ICP_AES, inductively coupled plasma–atomic emission spectrometry; ICP_MS, inductively coupled plasma–mass spectrometry; <, less than; BLM, U.S. Bureau of Land Management; CSU, Colorado State University; GPS, Global Positioning System; WGS, World Geodetic System]

Laboratory number	Field number	Latitude	Longitude	Date collected	Land use	CVAA Hg mg/kg	ICP_AES Al %	ICP_AES Ca %	ICP_AES Fe %	ICP_AES K %	ICP_AES Mg %	ICP_AES Na %	ICP_AES Sc %	ICP_AES Ti %	ICP_MS Ag mg/kg	ICP_MS As mg/kg	ICP_MS Ba mg/kg	ICP_MS Be mg/kg	ICP_MS Bi mg/kg	ICP_MS Cd mg/kg	ICP_MS Ce mg/kg	ICP_MS Co mg/kg	ICP_MS Cr mg/kg	ICP_MS Cs mg/kg	ICP_MS Cu mg/kg	ICP_MS Ga mg/kg	ICP_MS In mg/kg	ICP_MS La mg/kg	ICP_MS Li mg/kg	ICP_MS Mn mg/kg	ICP_MS Mo mg/kg	ICP_MS Nb mg/kg	ICP_MS Ni mg/kg	ICP_MS P mg/kg	ICP_MS Pb mg/kg	ICP_MS Rb mg/kg	ICP_MS Sb mg/kg	ICP_MS Sc mg/kg	ICP_MS Sn mg/kg	ICP_MS Sr mg/kg	ICP_MS Te mg/kg	ICP_MS Th mg/kg	ICP_MS Tl mg/kg	ICP_MS U mg/kg	ICP_MS V mg/kg	ICP_MS W mg/kg	ICP_MS Y mg/kg	ICP_MS Zn mg/kg	Hydride AA Se mg/kg
C-292467	06co001	40.99933	-108.59914	7-Sep-2006	gas field	0.02	6.14	4.16	3.13	1.92	0.73	0.42	0.05	0.18	<1	16	572	1.9	0.24	0.8	70.8	11.9	46	6	20.9	14.5	0.05	33.9	34	857	1.29	9.4	22.4	1,400	22.4	110	0.67	8.2	1.7	163	<0.1	12.3	0.7	2.3	83	1	18.6	89	0.8
C-292174	06co002	40.99054	-102.51758	16-Mar-2006	ranch	<0.02	5.71	1.26	1.54	2.57	0.47	1.2	0.03	0.18	<1	3	743	2.1	0.15	0.3	60.5	5	22	<5	10	11.6	<0.02	33.8	18	358	0.68	10	8.7	610	23.6	97	0.52	5.3	1.3	218	<0.1	10.8	0.6	1.9	42	0.8	16.8	47	<0.2
C-292458	06co003	41.00214	-102.38010	17-Mar-2006	farm	<0.02	5.6	1.71	1.52	2.37	0.51	1.34	0.06	0.2	<1	3	752	1.9	0.12	0.2	57	4.4	23	<5	14.4	12.4	0.03	34.2	19	321	0.75	11.2	8.7	640	23.0	90.4	0.53	5.6	1.5	246	<0.1	9.9	0.6	2.6	41	1	17.4	52	0.3
C-285225	06co004	40.92621	-108.84734	7-Sep-2006	open range	<0.02	3.49	0.76	1.16	1.4	0.36	0.54	0.03	0.13	<1	5	468	1	0.12	0.2	31.7	3.8	22	<5	11.7	7.71	0.02	17.5	15	212	0.82	5	8.7	320	13.2	56.5	0.42	3.8	0.9	132	<0.1	7.1	0.3	1.6	34	0.5	10.4	31	<0.2
C-292487	06co005	40.97169	-107.71602	29-Jul-2006	state land	<0.02	4.86	0.6	1.17	2.09	0.32	1.02	0.02	0.13	<1	3	761	1.2	0.13	0.3	69.1	4.9	24	<5	8.9	9.91	0.02	33.3	14	379	0.6	5.8	9.4	430	21.2	92.4	0.4	3.8	0.8	192	<0.1	12.6	0.6	2.1	34	0.4	11.5	35	<0.2
C-292235	06co006	40.98311	-105.53609	10-Jun-2006	national forest	0.04	6.39	1.23	3.18	2.88	0.34	1.92	0.03	0.3	<1	5	1,530	2.3	0.29	0.4	79.3	6.1	18	<5	12.4	18.3	0.09	34.2	20	1,050	1.08	21.4	8.6	440	28.6	86.4	0.49	9.6	2.4	182	<0.1	8.5	0.5	2.4	29	1.2	38.3	124	0.2
C-292339	06co007	40.97345	-104.04816	9-Jun-2006	idle	0.02	5.82	1.31	2.18	2.68	0.74	1.15	0.04	0.23	<1	5	728	2	0.23	0.4	76.4	7.4	31	<5	15.9	14.3	0.03	39.3	30	535	0.97	11.4	13.5	700	22.7	106	0.58	7.3	1.5	187	<0.1	12.7	0.7	3	59	0.9	21.6	64	0.4
C-290011	06co008	40.96439	-103.38132	16-Mar-2006	ranch	<0.02	5.08	2.46	1.31	2.02	0.52	0.94	0.03	0.13	<1	7	639	1.8	0.32	0.4	57.9	5	15	<5	11.1	11.5	0.03	31.8	21	301	0.95	8.6	8.2	610	25.7	97.4	0.56	5.2	1.3	190	<0.1	10.6	0.7	2.4	34	1.1	13.7	71	<0.2
C-284692	06co009	40.96441	-103.02085	16-Mar-2006	grassland	<0.02	5.37	1.04	1.77	2.49	0.46	1.22	0.03	0.19	<1	4	788	1.7	0.2	0.3	70.3	5.7	24	<5	11.2	13.5	0.03	38.3	18	419	0.73	10.2	9.5	500	31.7	104	0.6	6.7	1.4	224	<0.1	12.3	0.6	2.6	47	0.9	18	52	<0.2
C-292429	06co010	40.88977	-108.74670	7-Sep-2006	open range	<0.02	3.03	3.87	1.19	1.24	0.89	0.45	0.02	0.11	<1	5	380	0.8	0.07	0.2	35.9	3.7	19	<5	6.3	6.65	<0.02	21.5	18	208	0.61	3.4	8.5	320	10.7	42.4	0.3	3.2	0.6	155	<0.1	5.7	0.3	1.2	37	0.7	7.7	29	<0.2
C-284940	06co011	40.93230	-108.53329	7-Sep-2006	open range	<0.02	5.76	1.99	2.15	2.63	0.67	0.86	0.06	0.18	<1	8	665	1.3	0.17	0.3	100	8.8	35	<5	16.2	12.7	0.04	47.5	29	627	1.56	8.3	19	530	22.0	104	0.56	6	1.6	188	<0.1	19.3	0.7	3.1	53	0.8	15	66	0.3
C-285226	06co012	40.95365	-108.48090	7-Sep-2006	open range	<0.02	6.11	1.39	1.74	2.46	0.67	1.1	0.04	0.23	<1	5	701	1.6	0.16	0.3	84.7	6	36	<5	15	13.1	0.04	42	26	386	1.29	7.6	14	510	22.0	110	0.47	6.8	1.6	165	<0.1	19.3	0.6	4.3	55	0.8	16.6	58	<0.2
C-292465	06co013	40.91399	-108.08698	7-Sep-2006	open range	<0.02	4.65	1.84	1.2	2.45	0.41	0.96	0.02	0.14	<1	4	776	1.3	0.08	0.2	96.2	4.1	26	<5	7.7	9.77	0.02	50	14	332	0.61	5.6	9.2	550	20.8	92.9	0.38	4.4	0.9	203	<0.1	19.8	0.5	3.9	34	0.7	15.2	30	<0.2
C-285138	06co014	40.93296	-107.61646	30-Jul-2006	BLM	<0.02	3.84	0.34	0.82	2.41	0.19	0.7	0.5	0.12	<1	3	688	1.1	0.1	0.3	55	4	18	<5	8	8.35	<0.02	27.1	12	219	0.53	5.5	8.2	370	26.5	103	0.33	3.5	0.7	137	<0.1	10	0.7	2	29	0.6	9.3	29	<0.2
C-292486	06co015	40.99562	-107.13119	30-Jul-2006	pasture	0.02	6.07	1.49	2.35	1.86	0.81	1.41	0.04	0.28	<1	7	946	1.5	0.16	0.3	64.1	10	59	<5	19	12.9	0.04	32.2	20	534	0.82	9.5	28.4	810	18.7	71.9	0.45	7.7	1.2	386	<0.1	9	0.4	1.9	66	0.7	13.9	93	<0.2
C-284786	06co016	40.96405	-106.53178	1-Aug-2006	national forest	0.02	5.9	1.23	3.09	2.31	1.04	1.29	0.03	0.27	<1	3	882	1.6	0.31	0.6	64.7	12	47	<5	36	15.7	0.06	30.6	23	1,080	1.37	5	19.8	840	42.0	90.1	0.25	12.8	1.6	156	<0.1	9.8	0.5	2.4	78	1	16.8	164	0.2
C-292298	06co017	40.90876	-106.51501	1-Aug-2006	BLM	<0.02	2.86	0.57	1.19	0.95	0.37	0.4	0.04	0.11	<1	5	385	0.9	0.13	0.2	49.2	4.4	24	<5	11.3	6.48	<0.02	27	20	316	0.66	4	8.1	370	15.7	37.4	0.38	4.7	0.6	94.2	<0.1	4.8	0.2	1.7	55	0.7	14.9	40	0.4
C-294931	06co018	40.92898	-104.16253	9-Jun-2006	pasture	<0.02	5.95	1.37	1.79	2.48	0.63	1.12	0.03	0.17	<1	3	671	1.5	0.21	0.4	68.5	6.3	29	6	13.1	13.5	0.04	34.1	29	506	0.62	8.9	12.4	650	21.9	101	0.44	5.7	1.4	176	<0.1	11.4	0.7	2.1	46	0.9	16.5	68	<0.2
C-292452	06co019	40.91029	-102.55563	17-Mar-2006	farm	<0.02	5.03	0.77	1.12	2.61	0.34	1.16	0.03	0.15	<1	2	790	1.6	3.93	0.2	55.1	3.7	17	<5	20	10.5	0.04	29.8	15	308	0.59	8.9	7	510	49.7	100	0.34	4.4	2.3	183	<0.1	10.3	0.6	2.2	31	0.8	16.4	48	0.2
C-285190	06co020	40.89217	-107.79117	29-Jul-2006	BLM	<0.02	4.75	0.53	1.46	2.48	0.33	0.73	0.02	0.14	<1	4	670	1.4	0.13	0.2	80.8	5.9	27	<5	10.8	11.7	0.03	40.9	18	332	0.7	7.5	11.3	510	25.3	114	0.29	5.7	1.3	121	<0.1	15.5	0.7	3.1	38	0.7	12.4	48	<0.2
C-292205	06co021	40.89017	-106.97849	30-Jul-2006	national forest	0.02	6.19	1.2	2.93	2.01	0.58	1.27	0.05	0.31	<1	10	937	2	0.19	0.3	66.2	12.9	58	6	19.3	14	0.03	32.1	24	807	1.35	9.8	24.1	1,080	22.0	93	0.59	9.7	1.4	359	<0.1	9	0.6	2.3	84	0.9	16.2	71	0.3
C-285146	06co022	40.87177	-106.30370	1-Aug-2006	BLM	<0.02	4.61	0.81	1.6	1.18	0.77	1.36	<0.01	0.18	<1	2	712	1.4	0.05	0.2	81.5	4.8	23	<5	6.3	10.6	0.02	42.6	8	432	0.49	7.4	7.6	450	24.4	84.7	0.24	5.6	0.7	208	<0.1	14.2	0.5	2.8	38	0.5	12.8	31	<0.2
C-284762	06co023	40.95619	-105.98134	2-Aug-2006	open range	<0.02	5.77	1.45	3.38	2.29	0.52	1.93	0.01	0.2	<1	3	774	1.6	0.12	0.2	99	7.5	40	<5	11.7	14.3	0.03	49.9	12	471	0.67	8.7	14	550	17.0	75.7	0.27	8.3	1.2	266	<0.1	14.7	0.5	2.2	84	0.7	19.4	46	<0.2
C-292172	06co024	40.90670	-105.93808	2-Aug-2006	open range	<0.02	6.9	1.32	2.44	3.18	0.37	2.33	0.01	0.19	<1	2	929	2.2	0.07	0.3	77.9	5.7	29	<5	9.9	16	0.03	39.4	14	418	0.76	12.3	10	440	24.0	93.8	0.23	5.9	1.5	281	<0.1	11.9	0.6	2.2	50	0.7	19.6	60	<0.2
C-285218	06co025	40.92028	-105.59937	10-Jun-2006	national forest	<0.02	7.14	2.7	4.45	1.86	1.42	2.12	0.01	0.34	<1	2	567	2.2	0.16	0.1	55.3	23	74	<5	28.7	16.8	0.06	27.1	19	910	0.5	6.7	33.9	690	170.0	75.3	0.26	20	1.3	266	<0.1	6.1	0.5	1.7	120	1	22.5	79	<0.2
C-292345	06co026	40.88867	-105.45609	10-Jun-2006	national forest	<0.02	5.85	1.25	2.32	2.96	0.62	2.08	0.03	0.21	<1	3	654	3.3	0.13	0.3	111	8	37	<5	17.7	17.1	0.04	63.5	22	609	0.69	17.4	16.6	720	18.6	130	0.29	8.2	3.2	133	<0.1	23.4	0.9	5.3	52	0.9	38.1	70	0.5
C-284783	06co027	40.90438	-104.92472	9-Jun-2006	farm	0.02	5.79	1.17	1.89	2.32	0.68	0.92	0.04	0.19	<1	4	636	2.1	0.26	0.5	75	6.5	26	<5	13.7	15.6	0.05	38	25	466	1.27	10.8	11.7	690	27.3	119	0.53	7.1	1.8	170	<0.1	12.4	0.7	2.9	48	1	23.4	62	0.4
C-285106	06co028	40.86988	-104.65871	9-Jun-2006	pasture	<0.02	6.12	0.96	2.04	2.62	0.41	1.03	0.03	0.18	<1	5	723	1.9	0.2	0.3	72.3	6.2	26	<5	13.9	14.3	0.04	37.2	19	294	0.8	9.6	13.9	580	20.7	103	0.56	6.8	1.4	162	<0.1	13	0.5	2	61	0.7	18.8	71	<0.2
C-290067	06co029	40.86976	-104.61335	9-Jun-2006	pasture	<0.02	5.59	1.07	1.53	2.27	0.44	1.04	0.02	0.16	<1	4	819	1.5	0.16	0.2	56.7	5.2	25	<5	8.7	11.7	0.03	30.1	14	396	0.55	9.8	8	640	19.8	95.2	0.4	4.4	1.3	164	<0.1	8.9	0.6	2.2	38	0.7	15.8	50	<0.2
C-284838	06co030	40.89534	-104.21984	9-Jun-2006	pasture	<0.02	5.95	1.97	1.19	2.9	0.55	1.53	0.01	0.13	<1	2	1,110	1.8	0.13	0.1	48.1	4.9	13	<5	7.3	13.7	0.03	26.6	19	428	0.52	8.5	6.7	330	25.4	107	0.31	4.1	1	197	<0.1	7.2	0.7	2.2	34	1.1	12	31	<0.2
C-285166	06co031	40.89049	-103.68896	16-Mar-2006	national grassland	<0.02	5.54	1.95	1.8	2.52	0.81	0.93	0.04	0.18	<1	4	780	2.1	0.21	0.3	72.5	6.3	24	<5	14.7	14.5	0.04	38.4	27	485	0.68	12.6	11	820	28.7	111	0.48	7.3	1.6	196	<0.1	14	0.8	2.8	48	1.2	18.5	65	0.2
C-290015	06co032	40.87671	-103.34357	16-Mar-2006	open range	<0.02	6.13	2.15	1.71	2.29	0.76	1.03	0.03	0.18	<1	5	703	1.7	0.27	0.3	63.2	5.4	18	<5	12.4	13.1	0.04	33.5	28	425	0.83	12.1	9	770	23.5	104	0.5	5.8	1.4	247	<0.1	11.8	0.7	3.5	44	0.9	16.8	55	0.2
C-285048	06co033	40.86288	-103.11536	16-Mar-2006	ranch	<0.02	5.91	2.71	1.54	1.93	0.73	1.25	0.03	0.14	<1	4	775	1.9	0.15	0.2	55.8	5.4	19	<5	12.9	13	0.03	31.6	36	474	0.53	8.8	11.2	910	29.1	83.3	0.39	4.5	1.7	278	<0.1	11.4	0.7	2.6	46	1.5	14.6	48	<0.2
C-284913	06co034	40.87216	-102.82925	16-Mar-2006	farm	<0.02	5.85	1.91	1.77	2.06	0.61	1.26	0.02	0.2	<1	4	703	1.3	0.22	0.2	77.6	5.4	43	<5	10.4	13.3	0.03	40.1	21	366	0.86	10.7	13.5	560	22.0	108	0.47	5.4	1.5	263	<0.1	14.1	0.7	2.9	46	0.8	15.7	52	<0.2
C-292207	06co035	40.85144	-102.28619	17-Mar-2006	farm	<0.02	6.2	1.39	1.94	2.57	0.53	1.25	0.03	0.24	<1	4	802	1.8	0.17	0.3	72.9	6.6	31	<5	11.9	13	0.02	38.3	21	443	0.79	11.5	11.8	610	19.6	97.5	0.57	6.7	1.4	256	<0.1	12.7	0.6	2.7	55	0.9	19.5	54	0.2
C-290122	06co036	40.85141	-102.15100	17-Mar-2006	farm	<0.02	5.68	1	1.41	3.18	0.44	1.37	0.03	0.2	<1	4	801	1.8	0.14	0.2	50	4.4	23	<5	13.6	12.2	0.03	27.9	18	354	0.5	10.5	10.1	510	21.6	111	0.42	4.8	1.2	202	<0.1	9.5	0.7	1.8	45	0.8	14.1	40	<0.2
C-285049	06co037	40.76188	-108.18240	7-Sep-2006	open range	<0.02	6.51	2.32	2.67	2.4	0.99	0.73	0.04	0.23	<1	7	708	2	0.23	0.3	82.2	10.1	44	7	21.2	15.5	0.05	44.2	38	550	1.44	12	23.7	910	24.0	108	0.58	8.1	1.9	266	<0.1	16.3	0.6	3.6	75	1.1	16.3	79	0.2
C-292232	06co038	40.78988	-107.83965	29-Jul-2006	BLM	<0.02	4.02	0.2	0.58	3.21	0.1	0.73	0.01	0.11	<1	1	778	0.7	0.05	<0.1	114	2.4	12	<5	5.2	7.47	<0.02	55	7	251	0.29	19.8	4	350	25.7	121	0.13	2.5	0.6	114	<0.1	23.5	0.7	3.2	14	0.5	12.3	15	<0.2
C-292284	06co039	41.00534	-107.29762	30-Jul-2006	BLM	<0.02	4.08	1.85	1.96	1.75	0.75	0.21	0.03	0.16	<1	7	517	1.4	0.15	0.8	42.7	8.7	33	<5	21.5	9.22	0.02	22.9	26	490	0.83	5.7	22.6	600	19.3	63.2	0.97	5.6	1.1	107	<0.1	6.6	0.4	2.1	60	0.6	15.5	104	0.5
C-289894	06co040	40.87986	-106.45921	1-Aug-2006	state wildlife refuge	<0.02	6.91	1.84	2.54	1.75	0.79	1.15	0.02	0.33	<1	4	1,000	1.4	0.18	0.2	57.8	9.7	46	<5	15.1	14.1	0.04	29.8	15	667	0.66	7.4	16.4	450	18.1	67.9	0.35	11.7	0.6	248	<0.1	10.7	0.5	2.3	82	0.6	16.2	55	<0.2
C-290005	06co041	40.85928	-105.94942	2-Aug-2006	national forest	<0.02	7.06	1.32	2.64	2.43	0.53	2.18	0.02	0.32	<1	2	826	2.3	0.13	0.1	119	9.2	55	<5	19.6	17.1	0.04	60.5	18	731	0.82	16.1	23.9	490	22.4	108	0.21	8.9	1.7	226	<0.1	21.2	0.6	3.5	77	0.7	20.7	55	<0.2
C-292405	06co042	40.83126	-103.86085	16-Mar-2006	ranch	0.02	6.41	2.55	2.04	2.85	0.96	1.11	0.04	0.22	<1	4	763	2.2	0.23	0.5	71	6.8	24	<5	15.7	14.6	0.04	37.9	39	539	1.79	11.7	10.9	860	24.5	117	0.83	6.8	2.4	227	<0.1	15.1	0.8	3.5	53	1.2	21.6	74	0.4
C-284942	06co043	40.81848	-103.21046	16-Mar-2006	ranch	<0.02	5.89	1.66	1.63	2.22	0.56	1.22	0.04	0.17	<1	4	748	1.3	0.22	0.4	75.9	5.2	24	<5	11.2	13.1	0.04	39.1	19	473	0.69	11.1	8.7	760	25.6	86	0.43	4.8	1.5	245	<0.1	14.3	0.7	2.4	43	0.8	16.4	202	0.2
C-285073	06co044	40.74977	-108.76867	7-Sep-2006	BLM	<0.02	3.99	8.99	1.21	1.62	0.72	0.83	0.02	0.12	<1	3	529	1.1	0.07	0.3	53.9	4.2	20	<5	9	8.44	0.02	31	27	338	0.49	5.1	8.6	410	13.0	64.9	0.35	3.2	0.9	317	<0.1	9.4	0.5	2.2	32	0.5	11	28	<0.2
C-285045	06co045	40.79564	-108.11714	7-Sep-2006	open range	<0.02	4.45	3.3	1.06	2.39	0.28	0.97	0.01	0.12	<1	5	695	1.2	0.05	0.2	69.4	4	18	<5	7.9	9.4	0.02	36.7	13	303	0.53	5.4	8.9	400	19.6	88.6	0.24	3.5	0.9	209	<0.1	14.4	0.5	2.7	29	0.5	10.4	28	<0.2
C-285174	06co046	40.77399	-107.54865	30-Jul-2006	BLM	<0.02	4.15	0.6	1.45	1.95	0.32	0.7	0.02	0.17	<1	4	734	1.2	0.15	0.5	66.8	6.3	30	<5	12.8	9.87	0.03	35.3	15	346	0.78	6.7	13.7	560	23.4	77.2	0.47	5.6	1	170	<0.1	11	0.5	2.3	50	0.7	13.2	50	0.3
C-290089	06co047	40.81413	-106.96401	30-Jul-2006	state park	<0.02	5.87	0.73	2.07	1.84	0.45	1.05	0.03	0.21	<1	7	1,220	1.8	0.19	0.2	72.1	9.5	41	<5	13.1	12.6	0.03	35	22	761	0.84	9.3	19.3	800	23.7	84	0.69	5.5	1.2	338	<0.1	9.3	0.6	2.4	55	0.8	11.4	57	<0.2
C-284862	06co048	40.77256	-106.77186	30-Jul-2006	national forest	0.08	5.2	1.36	2.6	1.32	0.77	0.93	0.05	0.24	<1	3	650	1.2	0.22	0.4	42	9.9	40	<5	19.6	11.8	0.04	22.9	23	1,380	1	7.3	15.8	920	25.8	69.2	0.86	8.8	1.7	163	<0.1	6	0.4	1.8	72	0.8	12.2	97	0.3
C-290020	06co049	40.79940	-105.92918	2-Aug-2006	national forest	<0.02	5.9	0.99	2.26	1.49	0.55	1.26	0.01	0.23	<1	3	672	1.6	0.19	0.2	53.1	9	36	<5	9.2	12.9	0.04	27.3	19	845	0.62	9.2	16.2	610	22.0	71.6	0.25	7.4	1.4	181	<0.1	8.6	0.6	2	49	0.5	11	65	<0.2
C-290106	06co050	40.79777	-105.62701	10-Jun-2006	national forest	<0.02	6.99	1	2.79	1.94	0.47	2.11	0.02	0.33	<1	3	945	3.5	0.12	0.2	158	7.2	16	<5	7.5	17	0.05	74.7	14	591	0.86	30.3	7.9	1,050	19.9	104	0.19	9.4	3.3	236	<0.1	25.8	0.7	8.5	44	0.5	26.9	73	<0.2
C-290114	06co051	40.79798	-105.28600	10-Jun-2006	pasture	<0.02	4.71	3.97	1.83	3.15	0.5	1.12	0.03	0.19	<1	3	1,080	1.5	0.08	0.2	124	3.9	22	<5	12.8	12	0.05	59.5	21	503	1.17	11.8	10.1	380	19.9	92.9	0.15	5.9	1.4	115	<0.1	14.1	0.6	2.6	31	0.4	23.1	57	<0.2
C-290186	06co052	40.79782	-104.86726	9-Jun-2006	pasture	<0.02	4.58	0.51	1.62	2.48	0.38	0.85	0.05	0.18	<1	5	1,840	1.3	0.14	0.3	53.3	5.2	30	<5	11.7	10.4	0.03	27.9	16	293	0.75	9.1	12	440	23.5	82.1	0.54	4.7	1.1	117	<0.1	8.6	0.5	2	58	0.8	15.9	53	0.3
C-284801	06co053	40.76321	-102.76936	16-Mar-2006	grassland	<0.02	5.02	0.66	0.9	2

Table 3. Complete geochemical data on 0–15-cm soils from Colorado (N = 960).—Continued

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Table 3. Complete geochemical data on 0–15-cm soils from Colorado (N = 960).—Continued

C-292253	06c0908	37.20675	-104.88500	10-Apr-2006	woodlands	0.03	6.61	0.74	2.77	2.39	0.47	1.44	0.02	0.31	<1	3	915	2	0.14	0.2	64	12.2	45	<5	19.7	14.4	0.03	30.9	19	1,120	0.62	11.5	20.6	430	19.4	71	0.34	10	1.3	156	<0.1	6.9	0.4	2.5	72	0.6	20.7	66	0.3
C-292198	06c0909	37.24390	-104.11116	10-Apr-2006	open range	<0.02	5.33	4.62	2.71	1.93	0.61	0.96	0.04	0.26	<1	7	552	1.5	0.25	0.5	71.8	9.4	33	<5	15.5	11.2	0.03	34.1	24	492	2.48	10.9	19.6	700	19.5	71.5	0.89	7.4	1.4	296	<0.1	10.2	0.5	2.7	75	0.9	22.6	68	0.6
C-284722	06c0910	37.21944	-103.93877	9-Apr-2006	open range	<0.02	4.81	4.09	2.31	1.33	0.57	0.51	0.05	0.19	<1	12	547	1.7	0.31	0.3	75.9	7.4	29	<5	19.2	12.9	0.04	38.1	32	320	1.85	10.1	17.3	570	20.6	61	0.94	7.7	1.5	230	<0.1	13.9	0.5	3.3	75	1	19.3	59	0.4
C-292324	06c0911	37.23391	-103.61144	9-Apr-2006	grassland	<0.02	5.02	3.34	2.52	1.9	0.74	0.88	0.04	0.27	<1	7	633	1.5	0.22	0.3	62.7	9.3	37	<5	19.1	11.9	0.03	31.8	24	452	1.6	10.8	20.2	690	19.7	72.7	0.7	7.3	1.3	205	<0.1	9.5	0.5	2.1	76	0.9	19	64	0.5
C-292439	06c0912	37.23571	-103.11525	9-Apr-2006	open range	<0.02	4.42	0.55	1.12	2.39	0.28	0.86	0.01	0.12	<1	2	745	1.3	0.74	0.2	30	3.4	18	<5	11.3	9.16	0.02	17	12	192	0.63	5.3	8.3	230	15.2	80	0.32	3.9	0.8	116	<0.1	4.9	0.4	1.2	34	0.5	10.5	30	<0.2
C-290179	06c0913	37.20717	-102.47063	9-Apr-2006	agriculture	<0.02	6.34	1.26	3.22	2.37	0.85	0.71	0.05	0.3	<1	8	679	2.1	0.28	0.4	76.6	10.5	52	7	25.1	16.4	0.06	38.5	33	564	1.9	16.6	27.4	650	23.2	104	0.84	9.8	2	164	<0.1	12.8	0.7	2.6	103	1.4	23	89	0.5
C-289933	06c0914	37.20610	-106.77859	16-Jul-2006	national forest	<0.02	8.12	2.03	2.95	2.4	0.94	1.66	0.02	0.36	<1	3	880	2	0.22	0.2	57.3	9.5	31	<5	19.4	17.6	0.05	28.8	29	628	0.63	10.5	12.7	640	22.2	89.5	0.46	9.5	1.4	408	<0.1	7.9	0.5	1.9	79	0.8	15.5	71	<0.2
C-290025	06c0915	37.18139	-105.31274	20-Jun-2006	pasture	<0.02	7.23	1.38	2.56	2.39	0.55	1.79	0.03	0.22	4	3	749	2.1	0.33	0.3	76.7	8.8	19	<5	22.5	14.2	0.04	39.2	20	640	0.97	10.5	9.9	780	20.4	90.1	0.36	8.6	1.5	320	<0.1	9.3	0.5	3.1	59	0.9	18.6	113	<0.2
C-289944	06c0916	37.20115	-104.39895	10-Apr-2006	pasture	0.02	5.02	2.55	4.66	1.97	0.67	0.84	0.04	0.22	<1	12	773	1.7	0.27	0.3	52.1	12.1	79	<5	49.4	13.3	1.04	27.4	29	1,160	2.34	8.8	44.2	1,130	23.0	78.1	0.95	7.9	1.3	223	<0.1	7.6	0.5	2.6	103	0.8	18.9	93	0.8
C-290149	06c0917	37.22752	-104.29363	10-Apr-2006	pasture	0.03	4.71	11.9	2.2	1.7	0.82	0.52	7.37	0.19	<1	7	289	1.3	0.19	0.7	39.4	6.4	49	7	19.3	9.95	0.04	20.1	28	231	2.67	7.6	21.3	<50	17.0	72.5	0.94	7.4	1.3	1,180	<0.1	7	0.5	2.3	112	1	14.4	83	0.8
C-290096	06c0918	37.20070	-103.81206	9-Apr-2006	open range	<0.02	3.14	0.56	0.82	1.92	0.19	0.4	<0.01	0.08	<1	2	698	0.7	0.07	0.1	27	2.9	17	<5	5.4	5.89	<0.02	14.4	7	200	0.28	3.7	7	250	12.4	65.5	0.23	2.4	0.5	83.3	<0.1	3.8	0.4	0.9	23	0.3	7	24	<0.2
C-292409	06c0919	37.19361	-103.46381	9-Apr-2006	pasture	0.02	6.29	2.51	2.88	2.18	0.93	0.78	0.05	0.29	<1	6	750	1.9	0.2	0.4	62.9	10.4	47	<5	20.8	14.1	0.05	33.7	28	570	1.2	12	26.8	880	20.5	87.9	0.69	9.3	1.7	195	<0.1	10.4	0.6	2.3	82	1	21.2	77	0.4
C-284921	06c0920	37.17629	-103.35493	9-Apr-2006	open range	<0.02	3.7	1.91	1.8	1.43	0.43	0.64	0.02	0.21	<1	5	555	0.8	0.16	0.2	55.7	7.1	36	<5	11.8	8.56	0.03	26.7	15	313	0.76	8.1	16.1	410	16.4	53.6	0.49	4.7	1.1	147	<0.1	8.9	0.4	1.6	58	0.6	11.9	44	<0.2
C-290118	06c0921	37.14926	-102.13118	8-Apr-2006	agriculture	<0.02	3.51	1.3	1.21	2.42	0.32	0.79	0.02	0.17	<1	3	742	1	0.09	0.2	33.9	4	19	<5	9.6	7.43	<0.02	17.8	12	291	0.43	7.3	10.1	400	13.6	67.9	0.29	3.6	0.7	132	<0.1	4.7	0.4	1.1	38	0.4	10.3	26	<0.2
C-290110	06c0922	37.11153	-108.72474	15-Sep-2006	Ute Reservation	<0.02	4.89	5.83	1.91	1.9	1.9	0.42	0.57	0.2	<1	6	345	1.5	0.17	0.6	38.8	6.4	54	7	20.1	10	0.04	20.7	40	240	3.06	7.2	23.2	940	21.6	84.6	0.86	7.3	1.3	188	<0.1	7.7	0.7	2.8	112	0.8	15.9	131	1.1
C-284986	06c0923	37.21168	-108.06958	16-Sep-2006	CSU research	<0.02	4.77	0.6	2.01	1.96	0.43	0.79	0.03	0.2	<1	7	585	1.4	0.19	0.2	51	6.8	27	<5	25.9	10.8	0.03	27.3	21	504	1.11	7.5	13.9	500	21.3	78.3	0.64	5.2	1.4	159	<0.1	8.6	0.5	2.3	59	1.2	12.9	50	<0.2
C-292455	06c0924	37.15472	-107.85868	17-Jul-2006	pasture	0.03	5.48	1.06	2.18	1.91	0.57	1.01	0.04	0.23	<1	6	588	1.6	0.34	0.9	55.5	7.2	28	<5	24.5	11.6	0.05	28.9	25	499	0.88	7.7	11.9	590	59.3	79.4	0.85	7.3	1.3	126	0.1	9.1	0.5	3.7	67	1.1	16.5	233	<0.2
C-285155	06c0925	37.20316	-106.20203	15-Jul-2006	wildlife area	<0.02	6.66	2.92	4.67	2.08	0.97	1.92	0.02	0.45	<1	3	871	1.7	0.15	0.1	51.5	14.3	43	<5	17.7	18.5	0.05	27.1	20	860	1.07	9	21.2	1,020	18.0	67.5	0.45	12.2	1.6	456	<0.1	8.7	0.4	2	132	0.7	18.1	96	<0.2
C-285132	06c0926	37.15600	-105.60004	20-Jun-2006	open range	<0.02	6.27	1.66	2.51	2.49	0.49	1.78	0.02	0.25	<1	3	766	2.1	0.21	0.2	43.7	8.2	22	<5	12.6	15.8	0.04	23.3	13	480	0.63	8.1	10.1	640	19.7	87.6	0.52	7.4	1.3	309	<0.1	7.4	0.5	1.6	64	0.6	15.3	54	<0.2
C-292427	06c0927	37.17964	-105.27257	20-Jun-2006	idle	<0.02	6.65	1.17	2.34	2.64	0.51	1.84	0.02	0.24	<1	3	753	2.2	0.2	0.2	57.3	8.5	21	<5	23.8	13.9	0.04	28.9	20	621	1.02	11.6	11.3	650	16.3	92	0.42	7.4	1.5	277	<0.1	8.1	0.4	2.4	57	1	18.1	51	<0.2
C-292347	06c0928	37.15542	-105.04134	13-Jul-2006	wetlands	0.02	5.25	1.93	2.43	2.12	0.79	1.46	0.08	0.2	<1	2	586	1.7	0.23	0.2	57.8	8.7	34	<5	25.1	12.9	0.03	28.4	27	708	0.59	8.7	16.9	590	20.4	80	0.37	7.9	1.5	173	<0.1	7.6	0.4	3.5	55	0.9	22	59	0.7
C-289957	06c0929	37.16123	-104.50338	10-Apr-2006	recreation	0.03	7.27	0.62	2.52	1.78	0.46	1.2	0.04	0.29	<1	5	589	1.9	0.24	0.4	73	9	33	<5	19.5	16.3	0.05	38.1	21	447	0.94	9.7	14.3	520	39.2	83.9	0.56	8.2	1.6	147	<0.1	11.3	0.5	2.8	74	1.2	13.9	80	0.4
C-292346	06c0930	37.13271	-102.63354	8-Apr-2006	grassland	<0.02	4.31	2.95	1.75	2.31	0.56	0.68	0.03	0.19	<1	5	725	1.2	0.17	0.2	49.7	6.4	26	<5	13.9	9.7	0.02	25	19	373	0.72	8.1	13.5	540	16.4	77.6	0.58	5.2	1	162	<0.1	7.8	0.5	1.9	54	0.7	14.9	49	0.3
C-290170	06c0931	37.12907	-102.13129	8-Apr-2006	agriculture	<0.02	4.92	2.29	2.06	2.58	0.64	0.92	0.03	0.22	<1	6	796	1.6	0.14	0.3	52.3	7.3	42	<5	16.3	11	0.03	27.3	21	415	0.79	11.3	19.9	610	18.7	82.4	0.53	6	1.2	164	<0.1	8.8	0.5	1.8	68	0.8	15.9	50	<0.2
C-290107	06c0932	37.05995	-108.80503	15-Sep-2006	Ute Reservation	0.02	4.89	8.85	1.65	1.61	1.15	0.34	1.93	0.13	<1	7	287	1.1	0.26	0.6	41.3	6.3	42	6	17.7	9.42	0.04	22.3	26	180	3.17	6.1	23.7	990	16.9	80.1	0.78	6.4	1.2	396	<0.1	7.7	0.8	3.6	112	0.6	14.2	132	1.5
C-285211	06c0933	37.17180	-108.10061	16-Sep-2006	Ute Reservation	0.02	4.66	5.68	1.76	2.08	0.4	0.84	0.04	0.22	<1	6	582	1.4	0.24	0.3	60	7.2	25	<5	26.5	11	0.03	29.2	22	516	0.92	8.7	11.6	720	23.8	83.9	0.6	6.1	1.2	150	<0.1	9.2	0.5	2.2	50	1.4	14.3	183	<0.2
C-292436	06c0934	37.12593	-108.13913	16-Sep-2006	Ute Reservation	<0.02	5.4	0.51	2.01	2	0.5	0.79	0.02	0.25	<1	6	594	1.9	0.21	0.3	59.7	6.9	31	<5	19.6	11.7	0.04	30.6	26	483	0.87	8.3	13.8	470	43.6	88.7	0.78	7.1	1.3	122	<0.1	9.7	0.5	2.3	57	0.9	17.9	54	0.2
C-290104	06c0935	37.07157	-108.17387	16-Sep-2006	Ute Reservation	<0.02	5.81	0.71	2.08	2.06	0.55	0.82	0.03	0.19	<1	7	641	1.4	0.24	0.2	55.8	7.5	29	<5	23.7	11.3	0.03	28.3	25	533	1.03	7.5	13.5	560	20.7	83.2	0.65	6.3	1.2	154	<0.1	8.7	0.6	2	52	0.9	14.5	65	0.3
C-284927	06c0936	37.09413	-107.64728	17-Jul-2006	Ute Reservation	0.02	9.98	0.92	4.52	2.49	0.76	0.43	0.02	0.39	<1	8	854	2.4	0.43	<0.1	104	11.5	53	10	33.6	23	0.08	47.5	32	346	1.21	14.7	21.5	520	28.0	139	1.11	12.8	2.5	259	0.1	14.8	1	3.6	144	1.5	23.4	127	0.4
C-284925	06c0937	37.08656	-107.55079	17-Jul-2006	Ute Reservation	0.04	5.92	0.49	2.48	1.62	0.43	0.45	0.03	0.23	<1	6	539	1.3	0.3	0.2	59.9	8.6	35	6	25.9	13.7	0.04	28.6	24	384	1.27	8.5	15.3	530	21.3	84	0.86	7.2	1.6	84.6	<0.1	9.5	0.6	2.4	85	0.8	12.8	91	0.4
C-289983	06c0938	37.14138	-107.05805	16-Jul-2006	pasture	0.02	5.7	1.5	2.56	1.55	0.7	1.24	0.04	0.25	<1	6	524	1.5	0.21	0.2	51.6	7.2	35	<5	16.8	11.6	0.04	26.1	32	365	0.96	6.8	15	710	18.5	70.4	0.66	7.5	1.2	184	<0.1	7.7	0.4	1.8	79	0.9	13.6	83	0.3
C-284880	06c0939	37.09028	-105.85093	20-Jun-2006	BLM	<0.02	7.11	5.74	4.09	2.37	1.01	1.99	0.03	0.41	<1	3	929	1.5	0.11	0.2	63.9	14.1	53	<5	19.3	15.4	0.04	34.3	18	728	0.97	4.4	24.1	760	19.5	67.7	0.43	9.6	1.4	629	<0.1	7.6	0.4	2.4	110	0.6	17	77	<0.2
C-292475	06c0940	37.11344	-105.50379	20-Jun-2006	open range	<0.02	5.88	0.84	1.19	2.72	0.23	1.94	<0.01	0.11	<1	2	705	2	0.13	<0.1	42.9	3.5	17	<5	5.5	12.1	0.02	25	10	237	0.44	7.2	6.5	250	16.1	96.8	0.26	3.2	0.7	221	<0.1	5.9	0.5	1.4	29	0.4	13.5	26	<0.2
C-292322	06c0941	37.15807	-104.93055	10-Apr-2006	wildlife area	0.06	8.47	0.37	3.74	2.16	1.01	0.47	0.04	0.49	<1	4	815	3.1	0.32	0.6	112	17.9	80	7	54.9	25.5	0.09	52.6	59	543	2.02	20.3	36	450	25.1	109	0.69	19.1	2.4	135	<0.1	13.9	0.8	5.3	147	1.8	22.3	138	1
C-290175	06c0942	37.12300	-104.73386	10-Apr-2006	state land	<0.02	6.63	2.67	3.51	1.11	0.77	1.03	0.03	0.35	<1	4	839	2	0.24	0.3	70.8	11.8	63	<5	30.8	16.3	0.06	35.9	29	551	1.15	15.2	30.8	540	20.9	81.4	0.47	10.6	1.9	187	<0.1	10	0.5	3	107	1.1	21.4	79	0.4
C-284754	06c0943	37.08804	-104.05295	10-Apr-2006	open range	<0.02	5.74	6.32	2.83	2.17	0.84	0.75	0.04	0.23	<1	8	581	1.5	0.31	0.4	71.6	10.1	41	5	22.5	13.5	0.05	36.6	30	551	2.25	10.1	24.8	790	21.1	92.2	0.83	9.2	1.6	289	<0.1	10.6	0.7	2.4	93	1	20.4	83	0.6
C-292293	06c0944	37.16399	-103.93890	9-Apr-2006	open range	0.02	4.26	4.81	2.11	1.27	0.54	0.55	0.05	0.22	<1	11	455	1.2	0.23	0.2	69.5	6.6	29	<5	15.8	9.73	0.03	35.3	28	271	1.59	9.2	16.4	490	18.4	50	0.91	5.8	1.2	234	<0.1	9.1	0.4	2.4	62	0.7	18.4	50	0.6
C-292209	06c0945	37.16246	-103.40913	9-Apr-2006	pasture	<0.02	5.25	1.14	1.87	2.41	0.42	1.1	0.02	0.21	<1	4	825	1.6	0.14	0.2	51.8	6.7	28	<5	12	11	0.02	25.5	16	422	0.81	8.6	13.2	470	16.6	79.8	0.47	5.7	1.1	182	<0.1	7.6	0.5	1.6	53	0.6	15.8	47	0.2
C-285160	06c0946	37.14299	-103.08512	9-Apr-2006	canyon land	<0.02	3.53	0.41	1.5	0.87	0.26	0.27	0.02	0.16	<1	6	291	1.1	0.15	0.2	51	4.5	26	<5	9.6	8.47	0.03	25.8	17	227	1.69	7	10.4	580	15.1	38.9	0.47	4.8	1.1	129	<0.1	8.3	0.3	1.9	42	0.7	11.3	39	0.4
C-285030	06c0947	37.10530	-102.77755	8-Apr-2006	grassland	<0.02	2.89	1.21	0.81	2.32	0.15	0.46	<0.01	0.08	<1	2	640	0.6	<0.04	<0.1	17.9	2.1	9	<5	4.8	5.82	<0.02	10.7	6	180	0.37	3.5	6.8	170	12.5	68.5	0.19	1.8	0.4	99.7	<0.1	2.9	0.2	0.8	22	0.3	6.6	13	<0.2
C-292402	06c0948	37.06180	-102.48910	8-Apr-2006	grassland	<0.02	2.77	0.46	0.73	1.98	0.13	0.48	<0.01	0.07	<1	1	591	0.5	0.07	0.1	17.6	1.7	10	<5	3.4	5.44	<0.02	9.9	6	148	0.25	3.1	4.2	170	11.3	62.1	0.2	1.6	0.4	74.9	<0.1	2.9	0.2	0.9	20	0.3	6.2	15	<0.2
C-284710	06c0949	37.02050	-108.18234	16-Sep-2006	Ute Reservation	0.04	6.91	4.63	3.66	2.07	1.18	0.54	0.03	0.26	<1	9	714	1.8	0.39	0.2	57.2	11.2	61	8	31.6	16.4	0.06	29.8	38	312	0.93	7.8	27.7	750	42.5	107	1.54	12.2	1.7	188	<0.1	9.2	0.7	1.8	132	1.1	14.2	98	0.6
C-290027	06c0950	37.05882	-107.85421	17-Jul-2006	Ute Reservation	0.02	7.56	0.7	2.59	1.95	0.46	0.91	0.02	0.25	1	5	897	2.2	0.3	0.1	83.4	10.5	20	<5	25.6	16.6	0.05	43.8	20	410	1.2	8.9	12.5	340	24.9	103	0.48	8.8	1.6	176	<0.1	12.9	0.7	2.8	63	0.8	17.1	59	<0.2
C-292340	06c0951	37.05860	-106.39631	15-Jul-2006	national forest	0.02	6.82	0.96	3.46	2.23	0.8	1.27	0.07	0.4	<1	4	819	1.7	0.2	0.2	65.1	12.2	28	6	24.7	16.8	0.04	31	34	1,160	1.35	12.1	14.8	1,280	20.9	106	0.5	8.8	1.5	267	<0.1	9.2	0.4	2.2	89	1.2	14.7	101	0.4
C-290056	06c0952	37.06450	-106.03763	15-Jul-2006	idle	<0.02	7.1	2	4.24	2.03	0.74	1.57	0.05	0.36	<1	4	758	1.6	0.17	0.2	65.6	13.7	29	<5	23.1	15.4	0.04	33.7	17	789	0.9	9.1	15.7	1,220	20.0	69.2	0.74	9.4	1.5	388	<0.1	7.7	0.5	2.1	101	0.7	18.3	158	<0.2
C-284698	06c0953	37.04047	-105.52138	20-Jun-2006	open range	<0.02	6.33	1.62	2.88	2.71	0.72	1.75	0.02	0.27	<1	3	762	2.1	0.22	0.2	59.3	10.2	32	<5	15.6	15.1	0.04	29.7	19	605	3.25	9.4	16.5	600	19.2	100	0.46	9.1	1.4	293	<0.1	7.6	0.6	1.8	69	0.8	20.8	62	<0.2
C-292249	06c0954	37.05627	-102.84338	8-Apr-2006	pasture	<0.02	3.86	0.61	1.17	2.03	0.23	0.73	0.01	0.13	<1	3	621	1	0.12	0.1	30.2	4.1	20	<5	8	7.87	<0.02	15.5	10	257	0.57	5.5	9.2	310	14.2	66.5	0.34	3.7	0.8	107	<0.1	4.4	0.4	1.1	34	0.4	10.8	30	<0.2
C-292414	06c0955	37.01829	-102.49187	8-Apr-2006	grassland	<0.02	4.28	2.24	1.2	2.38	0.32	1.01	0.02	0.14	<1	3	787	1.3	0.11	0.2	28.6	3.8	17	<5	7.2	8.92	0.02	15.3	12	228	0.48	5.7	8.3	270	14.8	77.9	0.29	3.7	0.8	144	<0.1	4.4	0.4	1.3	38	0.5	11.4	37	<0.2
C-292482	06c0956	37.05091	-102.23709	8-Apr-2006	open range	<0.02	2.92	0.91	0.67	2.03	0.12	0.71	<0.01	0.08	<1	2	723	0.6	0.04	<0.1	15.9	2.1	9	<5	3.3	5.88	<0.02	8.5	6	166	0.29	3.5	4.6	160	10.6	66.5	0.19	1.6	0.2	106	<0.1	2.2	0.3	0.7	20	0.2	5.5	12	<0.2
C-284864	06c0957	37.06551	-106.98664	16-Jul-2006	open range	<0.02	5.57	0.55	2.55	1.81	0.61	0.83	0.03	0.25	<1	7	630	1.4	0.29	0.2	64.1	10.6	48	6	23.7	11.6	0.04	31.5	30	397	1.28	8.5	21.2	800	23.4	86.4	0.74	7.2	1.3	164	<0.1	9.3	0.6	2.4	82	0.8	15	80	0.3
C-290069	06c0958	37.01124	-106.88970	16-Jul-2006	national forest	<0.02	5.33	0.4	2.12	1.81	0.37	1.17	0.02	0.17	<1	6	577	1.3	0.11	<0.1	54.4	6.3	26	<5	9.7	10.1	0.03	28.1	17	294	0.46	5.5	10.5	600	15.8	79.3	0.72	5.5	1.1	109	<0.1	9.2	0.5	1.6	56	0.4	12.2	54	<0.2
C-290098	06c0959	37.04220	-106.71751	16-Jul-2006	national forest	0.03	6.21	1.2	2.86	1.97	0.54	0.89	0.04	0.24	<1	6	630	1.5	0.22	0.3	59.3	11.4	34	<5	25.2	11.7	0.04	28.7	23	735	1.23	6.9	17.3	970	18.6	80.7	0.57	7.7	1.1	210	<0.1	8.2	0.5	2.4	79	0.5	17.4	91	0.4
C-284870	06c0960	37.05470	-106.15416	15-Jul-2006	national forest	<0.02	7.57	2.74	6.26	2.15	1.07	1.91	0.02	0.6	<1	3	809	1.4	0.13	0.2	67.5	20.8	48	<5	22.3	18	0.06	33.5	18	1,020	1.01	9.9	26.7	980	21.7	70.2	0.63	13	1.6	550	<0.1	8	0.4	1.8	171	0.8	18.4	112	<0.2
C-285175	06c0961	37.07032	-105.85576	20-Jun-2006	BLM	<0.02	7.17	2.48	3.59	2.71	0.87	2.14	0.02	0.39	<1	3	1,010	2.2	0.15	0.2	62.3	15	55	<5	18.8	20.5	0.05	34	15	739	1	7.2	25.7	970	21.0	77.6	0.73	12.4	1.5	567	<0.1	9.2	0.4	2.1	102	0.7	20.9	79	<0.2
C-284939	06c0962	37.06028	-105.08145	13-Jul-2006	idle	0.02	6.02	0.48	2.45	2.12	0.43	0.81	0.04	0.21	<1	10	573	1.4	0.3	1.1	54.3	8.1	43	6	23.5	13.1	0.04	27.2	33	379	3.04	8.7	16.8	710	22.4	94.1	1.49	6.3	1.7	117	<0.1	9	0.7	3	105	0.9	12.6	94	1.2
C-285117	06c0963	37.08805	-104.62427	10-Apr-2006	woodlands	0.03	8.23	1.1	3.69	2.07	0.67	0.55	0.03	0.3	<1	5	686	2.1	0.23	0.2	78.9	8.1	38	<5	20.6	22	0.07	41.2	26	324	0.98	10.8