Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
Lab No.	Field No.	Latitude	Longitude	Date collected	Size Fraction	Depth	Spheroid	Datum	ppm	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C-271810	05DEN343_C	39.75455	-105.20348	8/29/2005	<2mm	0-5 in	WGS84	WGS84	0.06	8.12	2.28	5.01	2.76	1.19	1.19	0.04	0.46	<1	6	866	3.7	0.87	1.4	112	23.1	41	5.11	59.4	22.2	0.12	48.6	21	1250	1.82	24.9	12.1	1820	87.6	141	1.31	23.5	3.1	628	0.2	16.4	0.6	3.5	163	1.8	28.7	156	0.4
C-271811	05DEN380_C	39.77084	-105.18627	8/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	8.1	2.96	4.43	2.51	1.21	1.59	0.03	0.42	<1	3	976	2.5	0.32	0.5	98.7	16.9	32	3.75	34.9	20.4	0.09	43.8	18	1040	2.57	21.5	7.5	1370	51.3	115	0.69	17.6	3	621	<0.1	12.9	0.7	2.9	132	2.2	26.1	145	<0.2
C-271812	05DEN101_C	39.68217	-104.90308	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.06	0.9	1.67	3.48	0.32	1.35	0.04	0.18	<1	3	979	2.6	0.23	1.6	123	5.8	20	2.72	14.6	15.9	0.06	59.2	11	394	0.86	16.7	4.7	640	58.2	162	0.43	6.2	2	225	<0.1	22.6	0.8	3.5	46	1.1	22.5	75	<0.2
C-271813	05DEN066_C	39.7256	-104.8095	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	9.42	2.11	4.14	3.95	0.95	1.67	0.07	0.4	<1	5	1230	3.2	0.41	0.9	176	16.6	71	6.16	53.3	25.6	0.09	86.2	32	889	2.85	21.2	35	1520	104	198	1.3	15	4.1	409	0.2	29.9	1.1	5.2	128	2.7	33	182	0.3
C-271814	05DEN057_C	39.74057	-104.95992	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.15	6.46	1.66	2.32	3.31	0.55	1.52	0.1	0.23	<1	28	939	2.5	0.51	1.7	109	7.9	45	3.39	48.9	16.4	0.1	55.7	15	526	2.64	16.1	7.9	1430	428	154	2.56	8	5.4	248	<0.1	22.1	0.8	3.9	57	2.3	20.9	445	0.4
C-271815	05DEN152_C	39.81357	-105.05386	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.05	6.17	1.56	2.6	1.92	0.75	0.8	0.04	0.25	<1	15	646	2	0.65	0.9	93.9	9.4	37	4.24	32.3	15.1	0.08	42.8	23	467	0.84	10.1	10.2	760	79.4	101	1.46	10.2	2.6	252	<0.1	13.9	0.7	2.3	81	1.4	18.5	128	0.4
C-271816	05DEN433_C	39.68235	-104.79121	8/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.65	0.88	2.47	2.49	0.37	0.93	0.04	0.23	<1	4	822	1.9	0.18	0.4	65.6	8.8	25	3.36	23.4	13.8	0.04	29.8	16	467	1.12	11.5	5.4	780	61.2	116	0.53	8.5	1.8	283	<0.1	9.5	0.6	2.8	81	1.5	15.6	108	0.4
C-271817	05DEN044R_C	39.76953	-104.92249	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.18	4.61	0.94	1.36	2.41	0.29	1.19	0.08	0.11	<1	38	702	1.3	0.34	2	68.1	4.3	40	1.62	79.3	10.8	0.06	32.1	8	248	2.41	9.2	7.2	970	181	110	1.57	5	6.4	181	<0.1	10.7	0.6	2.7	33	1.1	14.6	155	0.2
C-271818	05DEN197_C	39.72574	-105.01768	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5.01	0.57	1.47	3.09	0.26	1.18	0.03	0.16	<1	2	868	1.6	0.25	0.5	97.1	5	22	2.4	15.6	12.9	0.04	41	9	324	1.2	13.1	3.7	470	229	146	0.81	5	2.6	181	<0.1	18.7	0.7	2.8	37	2.8	19.5	133	<0.2
C-271820	05DEN154_C	39.78152	-105.0528	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.82	5.24	1.55	2.41	2.49	0.38	1.22	0.05	0.16	7	6	701	1.5	2.65	7.3	138	6.3	64	2.27	103	13.4	0.15	64.1	13	406	1.29	8.4	23.1	3050	164	129	1.69	6.4	14.4	236	<0.1	25.5	0.8	5	50	1.5	16.5	331	0.4
C-271821	05DEN339_C	39.72636	-105.16421	7/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.14	2.43	4.2	2.39	0.8	1.47	0.03	0.38	<1	3	843	1.7	0.18	0.3	84.6	15	32	2.53	32.9	17.8	0.06	38.6	15	880	0.71	14	8.8	1170	37	96	0.45	13.5	2	568	<0.1	10.7	0.4	2.2	137	3.7	20.9	104	0.2
C-271822	05DEN304_C	39.68209	-104.99586	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.66	1.63	2.44	2.9	0.55	1.08	0.04	0.25	<1	3	815	1.9	0.21	0.6	94.9	9	27	3.36	24.7	15.8	0.06	40.7	16	545	4.01	19.4	7.9	1000	49.8	127	0.62	8.7	3	350	<0.1	12.5	0.6	2.7	68	1.3	22.5	109	0.3
C-271823	05DEN257_C	39.60969	-105.05724	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.53	1.34	2.17	2.31	0.61	1.04	0.05	0.18	<1	5	632	1.7	0.24	0.4	69.7	7.4	38	3.7	21.2	13.8	0.05	31	19	398	1.09	9.7	11.3	680	52.6	110	0.71	7.9	2	196	<0.1	10.7	0.6	2.1	72	2	14.8	97	0.3
C-271824	05DEN094_C	39.69672	-104.97816	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.04	0.67	1.61	3.32	0.29	0.95	0.03	0.21	<1	4	862	1.7	0.2	0.6	123	5.2	40	2.58	15.5	13.6	0.06	59.6	11	444	1.58	23.2	4.7	890	72.4	163	0.53	6.1	2.6	195	<0.1	19.2	0.7	3.3	40	1.1	24.9	102	0.2
C-271825	05DEN231_C	39.71154	-105.11018	7/22/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.73	2.49	3.67	2.36	0.87	1.29	0.03	0.34	<1	5	783	1.7	0.35	0.5	84.4	15.5	25	2.55	41.2	16.7	0.08	37.6	18	823	0.76	14.2	7.4	1190	51.3	100	0.81	14.6	1.9	534	<0.1	11.6	0.5	2.3	115	1.2	21.4	123	0.3
C-271826	05DEN001_C	39.8709	-104.86444	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.63	1.53	1.9	2.67	0.5	1.11	0.02	0.2	<1	5	748	1.7	0.19	0.3	109	7.3	38	3.56	15.7	14.6	0.05	52.3	18	399	0.83	12.1	12.5	660	29.7	130	0.5	7.3	2.1	216	<0.1	17.8	0.6	3	56	1	19.4	60	0.2
C-271828	05DEN412_C	39.75253	-104.866	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.99	0.83	1.45	2.85	0.32	0.9	0.04	0.15	<1	3	756	1.4	0.14	0.3	72.4	5.6	19	2.55	14.1	12.7	0.03	35.1	12	302	0.89	9.9	5	830	31.2	133	0.32	5.6	1.3	200	<0.1	11.6	0.6	2.4	43	0.8	14.9	58	0.2
C-271829	05DEN419_C	39.75378	-104.77289	8/24/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5	0.64	1.75	2.86	0.34	1.01	0.02	0.18	<1	3	791	1.5	0.17	0.3	80.6	6.3	23	2.82	16.3	12.3	0.04	35.6	14	428	0.96	10.1	9.7	580	33.8	121	0.44	6.2	1.6	203	<0.1	13.7	0.5	2.9	47	1.1	16	77	0.2
C-271830	05DEN236_C	39.68225	-105.10934	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.02	7.35	2.15	3.89	2.33	0.69	1.19	0.02	0.38	<1	2	676	1.7	0.16	0.4	103	15.7	51	2.99	31.8	17.8	0.06	44.8	15	611	1.32	14.7	11.3	1340	52.8	105	0.36	16.2	2.1	469	<0.1	14.9	0.5	2.7	121	1.4	27.4	100	<0.2
C-271831	05DEN275_C	39.59522	-104.97874	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.42	1.08	2.15	2.76	0.49	1.61	0.07	0.19	<1	2	751	1.5	0.16	0.8	72.4	7.2	58	1.6	65	13.6	0.05	31.6	12	448	1.3	13.8	8.8	680	235	113	0.96	7.1	3	243	<0.1	10.5	0.5	2.3	50	4.4	15.6	210	0.2
C-271832	05DEN077_C	39.71143	-104.99696	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.19	2.74	4.97	2.29	1.18	2.12	0.01	0.3	<1	3	461	1.9	0.19	0.3	62.6	21.3	27	10.8	40.8	19.1	0.09	29.4	20	1220	1.12	8.6	11.6	480	31.4	94	0.76	21.9	2.5	167	<0.1	10.8	0.5	1.9	147	1.4	34.1	179	<0.2
C-271833	05DEN298_C	39.60589	-104.82872	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.52	0.75	1.49	2.88	0.35	1.2	0.01	0.13	<1	1	717	1.2	0.08	0.1	65.2	4.8	12	1.62	13.4	11.2	0.03	28.1	10	353	0.29	8.2	2.1	320	22.7	114	0.19	5	1.1	151	<0.1	12.6	0.4	1.8	40	0.6	15.6	39	<0.2
C-271834	05DEN267_C	39.58048	-105.0345	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5.56	0.59	1.76	3.5	0.33	1.26	0.02	0.22	<1	3	821	2.3	0.22	0.4	124	5.1	34	2.92	13.4	15.7	0.07	59.3	17	396	0.99	28	6.7	550	36.3	157	0.56	7.2	2.9	155	<0.1	16.3	0.8	3.5	40	1.6	31.8	89	<0.2
C-271836	05DEN291_C	39.60983	-104.88476	8/9/2004	<2mm	0-5 in	WGS84	WGS84	0.03	7.19	2.52	4.11	2.65	0.65	0.78	0.05	0.4	<1	5	1200	1.8	0.24	0.3	82.2	14.9	65	4.77	33.5	18.3	0.06	38.1	26	681	1.28	17.4	14.8	1350	29.1	101	0.6	13.8	2	763	<0.1	11.9	0.6	4.1	143	1.5	20	98	0.3
C-271837	05DEN453_C	39.78343	-104.82886	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.72	0.81	1.52	2.91	0.25	1.08	0.03	0.15	<1	2	817	1.2	0.13	0.3	91.7	4.6	24	2.23	10.8	10.7	0.03	38	9	366	0.56	9	3.7	980	40.4	116	0.33	4.7	1.3	231	<0.1	13	0.7	2.4	44	0.8	14.3	55	<0.2
C-271838	05DEN424_C	39.72533	-104.79069	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.02	2.8	2.39	2.68	0.61	1.02	0.02	0.25	<1	7	798	1.7	0.22	0.3	97.2	8.7	40	3.67	18.5	14.1	0.05	42.2	22	465	0.97	13.6	11.2	700	26.5	112	0.48	7.9	1.8	326	<0.1	15.9	0.6	3.6	74	1.2	19	66	<0.2
C-271839	05DEN282_C	39.60923	-104.92464	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.05	6.63	1.35	3.01	2.47	0.7	0.82	0.03	0.3	<1	6	708	1.7	0.45	0.6	94.5	10.9	84	4.69	28.1	15.8	0.06	42.6	26	604	1.85	14.6	24.5	1010	32.5	110	0.8	10.9	2.5	292	<0.1	13.8	0.7	3.1	93	1.4	22.1	101	0.4
C-271840	05DEN358_C	39.79759	-105.16449	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	6.15	1.16	3.01	2.16	0.7	1.34	0.04	0.26	<1	6	512	2	0.86	0.7	69.4	10.5	67	5.98	39.4	14.4	0.09	32.1	30	626	1.32	9.2	18.1	910	48.9	103	1.07	11.6	2.1	216	<0.1	10.3	0.5	3.4	82	1.7	18.2	128	0.4
C-271841	05DEN045_C	39.77171	-104.90215	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.44	1.29	1.88	3.25	0.41	1.53	0.04	0.18	<1	4	798	1.5	0.23	0.7	105	6.4	48	2.84	22.5	14	0.05	46.2	15	374	1.63	14.2	11.3	690	123	136	0.75	6.4	2.1	249	<0.1	17.9	0.7	3.1	50	1.9	18.1	96	<0.2
C-271843	05DEN184_C	39.78363	-105.08728	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.78	1.17	2.35	2.74	0.5	1.76	0.06	0.21	<1	6	669	1.6	0.64	1.3	96.2	7.7	65	2.71	44.2	14.3	0.09	41.2	15	494	2.07	13.9	12.4	690	148	121	2.06	7.8	5.2	227	<0.1	18.9	0.7	3.2	60	2.6	16.1	271	<0.2
C-271844	05DEN238_C	39.66974	-105.10955	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	7.43	2.64	4.12	2.67	1.01	1.15	0.03	0.39	<1	3	738	1.9	0.17	0.3	83.3	17.1	83	3.56	32.9	17	0.07	37.1	18	751	0.9	15.4	21.1	1310	59.1	97.5	0.45	16.9	2.1	687	<0.1	10.3	0.4	2.3	137	1.4	22.6	109	<0.2
C-271845	05DEN113_C	39.66762	-104.97806	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.7	0.79	2.14	3.7	0.35	1.33	0.04	0.23	<1	5	934	1.7	0.28	0.8	95.3	6.7	98	2.53	25.5	14.3	0.06	42.2	14	495	3.09	21.5	20.6	830	258	146	0.89	6.6	2.8	276	<0.1	14.7	0.8	3.6	56	2.9	21.6	134	0.2
C-271846	05DEN198_C	39.71081	-105.01578	8/1/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.9	3.23	3.71	2.3	1	1.52	0.04	0.35	<1	3	999	1.7	0.16	0.3	84.3	13.4	69	3.53	22.5	16.4	0.07	38.2	21	949	1.38	14.2	24.9	1330	29.5	81.8	0.44	13.9	2.2	913	<0.1	10.2	0.5	2.7	110	0.9	23.5	109	<0.2
C-271847	05DEN168_C	39.75217	-105.05296	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.36	5.86	1.45	2.54	3.08	0.53	1.24	0.06	0.25	1	5	815	1.9	0.62	1.7	86.7	10	59	3.46	54	14.4	0.11	38.1	17	646	2.39	16.8	18.9	1390	150	123	3.32	8.8	19.4	345	<0.1	12.5	0.7	3.4	71	1.8	21.6	286	0.4
C-271848	05DEN383_C	39.78332	-105.18394	8/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.82	4.87	5.16	2.58	1.34	1.28	0.03	0.5	<1	4	781	1.9	0.28	0.3	81.3	20.6	93	3.79	45.3	16.9	0.08	37.2	23	1030	2.44	17.9	29.3	1520	28.5	98.2	0.64	21.5	2	705	<0.1	11.2	0.4	2.5	211	1.1	22	120	<0.2
C-271849	05DEN381_C	39.77328	-105.16615	8/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.08	1.03	2.31	3.11	0.46	1.91	0.02	0.17	<1	2	661	1.5	0.22	0.2	122	6.6	48	3.24	27.2	15.2	0.05	57.7	16	439	0.89	10.2	10	710	40.1	145	0.47	7.6	2.3	255	<0.1	27.1	0.8	2.8	52	1	15.8	85	<0.2
C-271850	05DEN342_C	39.75329	-105.18539	8/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	8.6	3.94	6.05	3.76	1.91	2.46	0.02	0.56	<1	5	911	2.9	0.17	0.5	111	25	130	3.49	76.6	20.8	0.07	54.6	24	1430	3.79	27.5	41.9	2480	149	144	0.52	25.5	2.7	897	<0.1	17.6	0.3	4	214	2.3	26.3	129	<0.2
C-271851	05DEN403_C	39.85603	-105.1291	8/31/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	3.85	0.39	1.34	1.85	0.25	0.54	0.02	0.2	<1	5	492	1	0.19	0.3	43.8	5.8	44	2.3	10.9	8.32	0.03	23.2	13	331	1.24	5.8	14.3	360	26.1	82.2	0.47	5.6	1.1	100	<0.1	6.9	0.4	1.8	40	0.6	11.4	48	0.3
C-271852	05DEN195_C	39.87101	-105.10947	8/31/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.31	1.09	2.18	2.03	0.54	0.7	0.03	0.21	<1	7	596	1.8	0.56	0.6	86	9.7	57	5	27.9	13.3	0.07	39	26	465	1.23	9.1	19.2	680	39.1	105	1.26	8.1	2	177	<0.1	14	0.7	3.3	82	1.3	18.2	97	0.6
C-271857	05DEN009_C	39.85682	-104.97775	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.05	0.76	1.72	3.09	0.29	1.48	0.06	0.13	<1	3	738	1.6	0.56	0.9	78.2	4.2	24	2.09	28.6	12.3	0.05	34.1	13	296	2.27	9.1	5.1	650	238	122	1.04	4.6	2.7	212	0.1	12.4	0.7	2.5	35	2.1	13.6	203	<0.2
C-271858	05DEN420_C	39.75569	-104.79079	8/24/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.77	0.97	2.12	3.01	0.49	1.04	0.04	0.21	<1	4	799	4	0.34	0.5	92	7.5	25	4.34	29.3	14.1	0.05	40.9	21	437	0.89	12.7	7.4	800	41.8	126	0.63	7.7	2.1	225	<0.1	16.6	0.8	3.2	59	1.5	17.5	89	<0.2
C-271859	05DEN011_C	39.8707	-104.95869	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.04	7.4	1.69	3.11	1.92	0.71	0.62	0.04	0.28	<1	4	647	1.7	0.32	0.4	67.2	11	115	5.27	20.6	18.2	0.07	32.8	30	564	2.33	14.2	44.2	510	25.2	99	0.65	11.9	1.9	244	<0.1	9.6	0.8	3.9	96	1.3	19.2	92	<0.2
C-271860	05DEN150_C	39.84159	-105.05378	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.49	1.36	2.17	2.28	0.58	0.97	0.06	0.2	<1	5	567	1.6	0.3	0.7	83.7	7.4	37	4.39	32.9	12.7	0.05	37.2	22	359	1.12	8.8	10.8	880	53.6	104	1.01	8.3	2.1	196	<0.1	14.8	0.6	2.8	66	1.5	16.3	116	<0.2
C-271861	05DEN075_C	39.72524	-104.97752	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.11	4.21	0.63	1.28	2.8	0.24	0.98	0.04	0.13	<1	4	761	1.2	0.43	1.1	85.1	4.2	18	2.29	22.1	11.7	0.07	39.6	10	326	1.6	14.6	2.8	740	175	120	1.12	4.6	3.2	164	<0.1	14.1	0.7	2.9	36	1.7	15.8	219	<0.2

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-271862	05DEN252_C	39.60938	-105.07284	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.81	0.84	2	2.27	0.5	0.59	0.03	0.19	<1	7	543	1.4	0.27	0.6	72.2	7.4	46	3.74	21	11.8	0.05	33.8	24	395	1.04	8.9	13.1	660	34.1	104	0.77	7.5	1.7	156	<0.1	12.5	0.7	2.9	68	1.3	16.6	75	0.3
C-271863	05DEN013_C	39.82804	-104.97784	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.22	1.04	1.63	2.75	0.38	1.65	0.05	0.14	<1	5	680	1.4	0.3	0.8	70.5	5.1	24	2.14	37.9	12.4	0.18	31.3	14	343	0.97	8.1	4.2	530	51.5	108	1.88	5.7	2.2	239	<0.1	11.9	0.7	2.3	40	4.8	13.4	150	<0.2
C-271864	05DEN028_C	39.82667	-104.94012	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.22	1.37	2.07	2.79	0.55	2	0.04	0.18	<1	2	692	1.5	0.18	0.5	46.6	7.5	80	1.57	23.5	12.6	0.05	27.5	12	483	2.35	10.1	26.5	500	36.2	101	0.47	8	4.9	191	<0.1	8.1	0.6	2	49	1.2	15.8	102	<0.2
C-271866	05DEN013R_C	39.82772	-104.97782	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.08	5.69	0.91	2.21	2.98	0.44	1.41	0.03	0.21	<1	8	789	1.8	0.63	2.4	135	7.6	39	3.94	41.2	15.4	0.15	64.6	20	509	1.17	16.6	10.4	930	76.7	139	1.63	8.5	3.1	250	0.1	22.4	0.9	4.8	56	3.9	24.2	156	<0.2
C-271867	05DEN404_C	39.60972	-104.94286	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.09	3.28	3.06	2.7	0.44	0.63	0.03	0.28	<1	4	835	1.4	0.17	0.6	89.5	11.1	57	3.56	19.2	13.2	0.05	40	20	721	0.83	10.8	8.8	810	23	105	0.44	8.7	1.6	388	<0.1	13.6	0.7	3.9	98	0.9	18.7	73	<0.2
C-271868	05DEN017_C	39.78348	-104.95935	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5.14	1.04	2.07	3.27	0.36	1.45	0.06	0.17	<1	8	874	1.8	0.35	3.9	79	6.2	64	2.79	44.5	13.3	0.23	36.8	13	595	10.2	17.2	6.2	1060	465	132	2.68	6.1	22.4	222	0.1	14.7	0.8	2.7	47	2.2	18.5	468	<0.2
C-271869	05DEN438_C	39.65192	-104.81062	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.98	0.51	1.37	3.68	0.26	0.95	0.02	0.13	<1	2	890	1.5	0.11	0.2	54.6	4.7	23	2.39	12.2	12.9	0.03	25.9	11	290	0.33	10	4	500	28.2	148	0.28	4.8	1.2	189	<0.1	9.1	0.8	2	40	0.7	14.1	48	<0.2
C-271870	05DEN016_C	39.78452	-104.97829	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.11	4.73	1.06	1.8	2.89	0.36	1.37	0.07	0.15	<1	7	817	1.8	0.42	7.1	87.9	5.3	30	2.33	42.5	12.5	0.2	40.8	11	429	3.46	13.5	6.3	880	319	118	2.86	5.6	6.3	202	0.1	15.6	1.1	2.6	41	2.6	17.5	321	0.2
C-271871	05DEN036_C	39.79822	-104.88209	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.19	1.96	1.43	3.19	0.29	1.4	0.04	0.13	<1	2	786	1.4	0.12	0.5	63.2	4.4	45	2.14	15.8	11.5	0.03	29.6	12	372	1.09	11.6	8.9	500	39.8	121	0.5	4	1.5	297	<0.1	13.3	0.6	1.8	40	1.1	12.7	101	<0.2
C-271872	05DEN410_C	39.78328	-105.20302	8/25/2005	<2mm	0-5 in	WGS84	WGS84	0.02	7.21	1.6	5.06	2.6	1.03	1.2	0.02	0.43	<1	7	812	2.7	0.26	0.5	101	21.3	138	5.81	56.5	18.9	0.07	42.6	32	1220	1.5	20.6	16.8	1510	29.4	121	0.58	20.4	2.1	389	<0.1	14.7	0.5	3.9	184	1.4	24.2	129	0.2
C-271873	05DEN397_C	39.85606	-105.22522	8/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	2.07	0.67	0.55	0.47	0.31	0.22		0.05	<1	9	239	0.4	0.08	0.1	28.7	2.3	96	1	2.8	2.91	<0.02	15.2	9	94	0.11	2.1	0.7	130	8.8	40.3	0.21	4.4	0.4	50.9	<0.1	4.6	0.1	0.6	18	0.3	7.2	26	0.3
C-271874	05DEN143_C	39.81238	-105.03484	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.73	1.01	1.89	2.32	0.42	1.06	0.03	0.15	<1	5	619	1.5	0.31	0.7	99.8	6.4	39	2.91	20.9	12.5	0.05	43.6	18	362	0.85	8.2	9.2	730	126	107	0.8	6.4	1.9	187	<0.1	19.1	0.7	2.8	53	1.1	16	106	<0.2
C-271875	05DEN158_C	39.82714	-104.99628	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.93	2.15	1.79	2.36	0.4	0.86	0.03	0.18	<1	5	642	1.5	0.26	1	64.8	6.2	29	3.41	18.4	11.8	0.05	29.9	18	364	1.1	9.4	8.7	900	69	104	0.72	6.6	1.6	214	<0.1	9.2	0.7	2.6	55	1	15.1	95	<0.2
C-271876	05DEN213R_C	39.72517	-105.05369	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.12	2.43	3.5	2.39	0.8	1.13	0.05	0.3	1	3	759	1.6	0.38	0.9	98.6	12.4	59	3.47	36	15.7	0.08	44.8	18	792	1.36	14.6	14.7	1210	185	101	1.11	12.5	2.2	478	<0.1	12.4	0.5	2.4	116	3.4	22.9	173	<0.2
C-271877	05DEN083_C	39.71146	-104.86629	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.43	2.04	2.22	2.84	0.57	1.12	0.26	0.2	<1	4	741	2.8	0.2	0.5	85.9	8	116	3.51	21.3	14.4	0.05	38.3	22	464	1.38	12.7	14.1	780	51.7	125	0.7	8	2.3	269	<0.1	14.5	0.7	3.2	63	1.5	18.8	91	<0.2
C-271878	05DEN057R_C	39.74069	-104.9599	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.13	4.67	1.13	1.82	2.7	0.42	1.02	0.09	0.17	1	5	765	1.6	0.34	3.1	89.6	7.2	95	3.23	39.6	12.6	0.08	40.2	17	404	2.06	14	12.6	1430	120	116	1.29	6.4	3.8	185	<0.1	18.5	0.7	2.8	49	1.5	17.6	213	<0.2
C-271879	05DEN202_C	39.65372	-105.01534	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.46	1.1	2.83	2.66	0.64	1.03	0.06	0.23	<1	4	764	2	0.45	0.9	95.4	9.3	63	3.66	48.4	15.3	0.08	42.2	21	634	2.94	21.3	17.7	970	83.9	119	1.45	10	5.7	281	<0.1	14.2	0.7	3.2	68	2.4	29.8	189	<0.2
C-271880	05DEN086_C	39.69706	-104.82815	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.21	1.04	1.93	3.13	0.42	0.95	0.03	0.18	1	4	822	1.5	0.44	0.5	75.1	7.4	73	3.23	24.3	13.9	0.05	33.7	16	425	1.18	10.9	22.2	830	51.7	133	0.86	6.8	2.7	222	<0.1	11.6	0.8	2.7	57	2.1	17.2	105	<0.2
C-271881	05DEN296_C	39.59565	-104.84829	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.12	1.31	2.16	2.69	0.45	1.04	0.07	0.2	<1	3	935	1.6	0.26	0.7	75.6	7.5	59	3.01	29.7	13.2	0.05	34.4	14	529	0.58	13.1	5.9	1520	42	114	1.01	7.1	2.1	342	<0.1	10.1	0.6	3.3	67	1.7	16.1	111	0.3
C-271882	05DEN128_C	39.63864	-104.92267	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.01	1.25	3.08	2.35	0.64	0.81	0.04	0.27	<1	4	802	1.6	0.25	0.5	89.5	11.3	82	3.95	108	15.8	0.06	41	29	750	1.56	14.1	11.7	1070	42	110	0.67	11	2.3	325	<0.1	13.6	0.7	2.8	92	1.3	21.2	141	<0.2
C-271883	05DEN265_C	39.59597	-105.01619	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5.55	0.91	2.43	3.39	0.46	1.17	0.04	0.27	<1	3	856	2.4	0.4	0.5	121	7.1	66	3.4	24.2	16.5	0.08	61	19	609	1.08	35.1	5.8	1040	51.3	151	0.47	8.9	4.6	235	<0.1	15.2	0.8	3.4	54	1.3	32.3	110	<0.2
C-271884	05DEN416_C	39.76861	-104.81008	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.44	0.83	1.62	2.99	0.29	1.31	0.04	0.11	<1	2	838	1.4	0.15	0.5	65.5	5.5	64	2.02	27.6	11.4	0.03	30.3	11	310	3.8	9.1	15.6	530	51	119	1.42	3.9	2.3	196	<0.1	10.9	0.7	1.9	33	6	12.2	158	<0.2
C-271885	05DEN097_C	39.68227	-104.97879	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.06	4.85	0.61	1.71	3.58	0.24	1.07	0.03	0.19	<1	10	885	1.7	0.34	0.9	102	4.6	39	2.04	23.9	12.1	0.06	44.9	10	399	6.57	23.3	3.5	790	182	147	2.93	5	3.5	198	<0.1	15.6	0.8	3.1	43	1.5	20.2	155	<0.2
C-271886	05DEN313_C	39.69637	-105.12878	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.02	7.02	2.71	3.59	2.15	0.81	1.54	0.04	0.29	<1	3	691	1.5	0.16	0.5	79	10.8	41	2.28	27.7	17.5	0.07	36.4	13	841	0.69	10.2	3.5	1190	60.2	78.1	0.4	12.2	1.7	636	<0.1	10.6	0.5	2.4	91	0.9	20	119	<0.2
C-271887	05DEN367_C	39.71101	-105.14823	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	7.76	1.95	4.53	2.8	0.69	0.81	0.03	0.38	<1	3	978	2.3	0.24	0.3	86.3	17.8	58	4.66	42.5	19.1	0.07	39.1	22	891	0.68	19.2	11	1130	83.1	126	0.98	15.9	1.9	364	<0.1	12.5	0.7	2.5	130	1.4	22.6	135	<0.2
C-271889	05DEN193_C	39.84183	-105.11057	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.04	1.35	2.11	2.23	0.53	1.03	0.04	0.18	<1	7	608	1.6	0.63	0.7	85.7	8.8	98	3.79	38	13.1	0.06	36.7	20	391	1.58	9.5	21.8	600	193	104	1.46	7.2	2.1	173	<0.1	14.5	0.7	2.2	63	1.7	16.2	152	<0.2
C-271890	05DEN171_C	39.78413	-105.07095	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.32	0.96	2.36	2.59	0.45	1.29	0.05	0.17	<1	5	684	1.5	0.54	1.3	127	7.3	113	2.58	34.8	14.3	0.09	58.8	15	507	2.89	8.9	30.7	1200	170	125	1.68	7.3	2.9	246	<0.1	25.8	0.8	3.8	58	2.1	18.5	186	0.2
C-271892	05DEN379_C	39.75475	-105.16386	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.03	7.67	2.59	4.62	2.58	1.05	1.24	0.04	0.39	<1	4	868	2.2	0.36	0.5	91	18.4	78	4.41	50.6	20.2	0.09	41	21	1020	1.29	19.4	18.1	1700	41.9	132	0.73	19.6	2	598	<0.1	12.1	0.6	2.3	152	2.3	25.7	152	<0.2
C-271893	05DEN463_C	39.84138	-104.77214	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.69	0.7	1.79	2.14	0.37	0.76	0.02	0.2	<1	4	697	1.3	0.18	0.4	78.9	7.2	49	2.98	16.5	11.7	0.04	35.6	14	484	0.86	11.5	9.3	700	25.1	95.9	0.6	6.6	1.4	169	<0.1	10.3	0.6	2.3	60	1.1	17.8	63	0.2
C-271894	05DEN134_C	39.78416	-105.01573	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.34	0.76	1.5	2.98	0.27	1.55	0.02	0.11	<1	2	681	1.6	0.23	0.4	90.7	7.4	67	2.03	15	12.7	0.05	38.7	12	285	0.99	6	19	780	52.9	135	0.54	4.8	1.8	196	<0.1	19.2	0.9	2.6	33	1	11.7	79	<0.2
C-271895	05DEN055_C	39.74047	-104.9986	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.32	4.88	0.81	1.85	3.21	0.27	1.01	0.03	0.17	<1	4	879	1.7	0.3	0.8	107	5.7	82	2.24	49.1	13	0.12	51.7	10	601	1.38	17.4	23.5	590	208	135	2.95	5.2	13	185	<0.1	19.3	0.8	3.1	43	1.4	20.5	540	<0.2
C-271896	05DEN317_C	39.63855	-105.14754	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.17	3.17	2.75	2.1	0.95	0.93	0.03	0.21	<1	8	586	2	0.42	0.3	86.5	10.2	158	5.79	23.1	15.7	0.06	38.6	34	379	2.91	9.9	58.3	620	35.8	104	0.97	9.4	2.1	172	<0.1	13.4	0.7	2.9	98	1.9	17.8	87	0.4
C-271897	05DEN215R_C	39.69497	-105.05421	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.05	6.17	1.81	3.57	2.58	0.72	1.14	0.04	0.29	<1	4	803	1.7	0.73	0.7	89.4	12.5	83	3.18	34.2	15.5	0.08	40.7	15	819	1.35	13.4	20.9	1370	75.1	105	0.83	12.5	2.2	456	<0.1	14.7	0.6	2.4	108	1.4	20.3	141	<0.2
C-271899	05DEN052_C	39.75458	-104.93929	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.11	5.58	1.18	2.22	2.9	0.5	1.15	0.06	0.2	<1	31	799	2	0.39	1.4	117	12.2	103	4.05	28.7	14.7	0.09	57.6	19	492	2.18	15.7	30.4	1190	457	138	1.74	7.7	4.1	205	<0.1	20.5	0.8	4	56	1.9	21.8	267	0.2
C-271900	05DEN331_C	39.8418	-105.14811	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.12	1.72	2.18	2.16	0.57	0.8	0.03	0.19	<1	6	656	1.7	0.4	0.5	65.5	11.1	130	3.47	27.8	12.8	0.06	30.6	20	441	2.34	9	44.9	710	55.3	96.5	1.01	7.8	1.8	167	<0.1	10.9	0.7	2.1	70	1.5	15.8	99	<0.2
C-271901	05DEN324_C	39.75473	-105.12798	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.07	6.21	2.41	3.28	2.19	0.83	1.14	0.06	0.28	<1	5	775	1.5	0.57	0.6	89.1	12	83	2.6	37.2	15.1	0.08	41.5	15	769	1.82	13.3	26.1	1260	116	89.1	1.17	12.2	1.8	452	<0.1	12	0.6	2.4	96	1.4	20.7	146	<0.2
C-271902	05DEN408_C	39.81285	-105.17442	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.08	1.1	3.12	2.32	0.64	1.28	0.02	0.23	<1	9	637	2.6	0.73	0.5	74	11.2	97	4.78	30.4	15.8	0.08	34.8	24	741	1.44	10	18	680	43.2	113	1.21	11	1.9	183	<0.1	16.1	0.7	2.9	96	1.7	17.9	106	<0.2
C-271903	05DEN149_C	39.8706	-105.05343	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.88	1.51	1.93	1.86	0.51	0.75	0.04	0.19	<1	6	654	1.5	0.25	0.4	69.6	7	42	3.18	16.1	12	0.04	31.8	17	409	0.77	8.2	6.9	690	44.5	86.8	0.72	7.4	1.9	265	<0.1	10.8	0.6	2.3	62	1.2	15.1	81	<0.2
C-271904	05DEN012R_C	39.84167	-104.97832	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.64	2.38	2.32	2.07	0.61	0.9	0.05	0.21	<1	7	669	1.6	0.46	1	79.1	8	46	3.49	44.6	13.7	0.07	36.6	21	478	1.06	11.6	9.8	910	88.7	97	1.55	8.2	2.2	261	<0.1	12.1	0.6	2.7	70	1.5	17.9	623	0.2
C-271905	05DEN292_C	39.62399	-104.88278	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.02	7.8	1.45	4.02	2.28	0.55	0.56	0.02	0.38	<1	5	583	2.2	0.23	0.3	88.2	17.5	45	5.45	41.6	19.2	0.07	41	25	582	1.28	17.7	11.8	1460	22.1	113	0.57	15.6	2	256	<0.1	11.9	0.8	5.6	126	1.6	23.6	105	<0.2
C-271906	05DEN262_C	39.59526	-105.03519	8/31/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.28	0.73	2.11	2.29	0.52	0.61	0.04	0.21	<1	7	631	2	0.3	0.5	96.8	7.9	44	4.45	20.9	14.7	0.07	46.5	20	510	1.16	17.6	9.2	850	35.9	119	0.72	8.4	2.3	137	<0.1	13.7	0.8	3.4	65	1.3	24.6	90	0.2
C-271912	05DEN214_C	39.71103	-105.05383	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.85	5.1	3.97	2.15	1.06	1.23	0.05	0.38	1	4	809	1.4	0.18	0.3	83.6	13.7	21	2	22.1	14.7	0.06	36.1	18	828	0.78	13.4	14	1350	33.6	56.2	0.51	14.2	2	697	<0.1	11.6	0.3	2.1	130	0.9	23.3	102	<0.2
C-271913	05DEN015R_C	39.79876	-104.97807	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.63	2.27	1.4	2.79	0.79	1.27	0.04	0.12	<1	3	616	1.5	2.62	2.6	57.7	3.5	14	1.98	21.5	10.3	0.08	25.3	12	318	1.6	9.5	9.3	390	39.9	86.9	0.63	4.7	2.4	146	0.1	10.4	0.5	1.9	26	1.1	12.1	125	<0.2
C-271914	05DEN370_C	39.69636	-105.18408	8/11/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.26	1.08	3	2.73	0.46	1.04	0.05	0.3	<1	5	722	1.4	0.42	0.9	86.5	9.9	22	2.75	25.2	12.6	0.06	36.4	12	601	1	11	11.1	1140	54.8	82.5	0.62	10.2	1.6	325	0.1	16	0.4	2.9	89	1.2	19.4	87	0.5
C-271915	05DEN430_C	39.69678	-104.79069	8/26/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.22	1.47	2.34	2.74	0.46	0.91	0.09	0.24	<1	10	802	1.3	0.2	0.6	94.7	7.3	29	2.62	22	11.2	0.04	38.8	15	442	2.65	12.8	13.7	1120	51.9	89.9	0.89	7.5	2.1	278	<0.1	16.8	0.5	3.9	70	1.5	19.2	107	0.3
C-271916	05DEN078_C	39.71127	-104.97798	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.25	2.22	1.78	3.25	0.43	1.05	0.05	0.19	<1	5	740	1.3	0.16	1.6	97.1	5.6	20	2.39	19.2	11.3	0.05	40.2	14	384	1.43	17.6	11	890	64.2	110	0.7	6.2	2.2	238	<0.1	15.5	0.5	2.7	45	1.9	23.5	104	<0.2

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-271917	05DEN332_C	39.85657	-105.14764	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.45	2.09	2.05	2.35	0.5	0.96	0.03	0.2	<1	6	554	1.4	0.27	0.4	98.2	6.8	28	3.8	20.5	11.6	0.05	40.8	21	368	0.89	8.5	16.3	550	41.9	93.6	0.69	7.2	1.7	176	<0.1	17.8	0.5	2.1	62	1.1	16.2	81	<0.2
C-271918	05DEN145_C	39.84175	-105.03548	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.87	1.12	1.92	2.77	0.42	1.43	0.08	0.15	<1	3	648	1.5	0.13	0.5	68.8	5.1	33	1.77	28.1	9.96	0.04	29	10	329	1.61	8.4	13.3	520	65.2	87.9	2.19	5.4	2.7	201	<0.1	11.6	0.4	1.7	43	2.8	14.6	153	<0.2
C-271919	05DEN290_C	39.59515	-104.88701	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.98	1.34	2.8	2.75	0.52	0.75	0.06	0.28	<1	4	805	1.3	0.21	0.4	84.3	9.9	25	3.16	27.6	12.6	0.05	36.3	19	482	1.26	12.5	14.1	1240	24.8	93.2	0.55	9.8	2.1	329	<0.1	11.9	0.5	3.2	92	1.9	18	101	<0.2
C-271920	05DEN363_C	39.84194	-105.18253	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.33	0.96	1.38	1.48	0.47	0.24	0.02	0.17	<1	9	379	1.2	0.2	0.3	53.2	6.2	25	3.71	12.5	8.78	0.03	24	19	165	1.71	6.1	16.9	380	14	54.3	0.74	6.3	1.6	91.2	<0.1	7.8	0.5	2.5	63	0.8	14.5	49	0.4
C-271921	05DEN044_C	39.76929	-104.92252	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.26	5.09	0.84	1.45	3.34	0.33	0.97	0.06	0.16	1	207	757	1.4	0.43	2.2	82.2	5.4	41	2.61	27	11	0.06	35.3	13	332	1.74	12	14.4	910	126	120	4.31	5.6	4	170	<0.1	14.8	0.7	2.7	36	1.2	19.1	111	0.3
C-271922	05DEN255_C	39.58053	-105.05121	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.06	3.07	2.33	2.8	0.66	0.7	0.03	0.24	<1	9	638	1.8	0.26	0.4	89.7	9	35	4.68	19.9	13.1	0.05	38.1	27	426	1.8	13.7	23.1	640	22	109	0.79	9	2.2	198	<0.1	14.8	0.8	2.7	79	1.2	22.6	73	0.2
C-271923	05DEN258_C	39.60962	-105.03506	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.02	0.76	2.15	2.79	0.45	0.76	0.04	0.24	<1	5	687	1.5	0.24	0.6	93.4	9.4	29	2.93	21.5	11.1	0.05	38.2	18	491	2.96	15.2	17	700	52.1	96.9	0.67	7.7	2.1	223	<0.1	13.2	0.6	3.6	61	1.3	21.5	89	0.3
C-271924	05DEN337_C	39.74081	-105.14632	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.39	0.82	1.89	3.39	0.36	1.07	0.03	0.23	<1	4	798	1.6	0.19	0.4	120	7.3	19	2.57	14.2	12.1	0.05	57.3	13	421	0.78	20.5	10.9	730	29.1	111	0.33	6.7	2.3	226	<0.1	17.2	0.6	3	48	0.9	22.4	60	<0.2
C-271925	05DEN387_C	39.87098	-105.14877	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.96	1.44	2.3	2.93	0.76	1.38	0.05	0.21	<1	4	623	1.7	0.19	0.4	92.7	9.2	37	3.76	22.9	13.6	0.05	39.5	18	469	1.07	10.5	21	620	35.9	105	0.66	9.3	1.8	210	<0.1	16.7	0.7	2.4	74	1.3	19.4	108	<0.2
C-271927	05DEN222_C	39.66771	-105.0701	7/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.68	1.83	3.36	2.78	0.84	1.06	0.07	0.32	1	3	844	1.3	0.19	0.3	84.8	11.2	27	2.81	27.3	14	0.06	36.6	18	729	0.85	14	14.9	1290	39	87.7	0.41	12.6	1.8	638	<0.1	10.4	0.5	2.1	99	1.4	21.3	98	0.3
C-271928	05DEN170_C	39.76898	-105.07214	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.05	4.83	1.66	1.77	2.48	0.77	1.04	0.11	0.14	<1	5	492	1.3	0.48	1	87.1	4.6	26	2.81	50.3	11.2	0.05	35.9	17	390	1.56	7.4	11.2	1120	86.6	81.7	1.21	6.5	2.7	230	0.2	17.2	0.5	2.5	37	1.5	13.2	178	0.2
C-271929	05DEN090_C	39.69648	-104.90324	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.96	0.46	1.15	3.65	0.25	0.89	0.04	0.13	<1	3	780	1.3	0.15	0.6	71.3	3.9	14	2.05	12.8	10.3	0.03	30.8	10	270	1.21	10	7.7	470	46.9	118	0.4	4.4	1.6	158	<0.1	11.4	0.5	2.5	28	0.9	14.8	101	<0.2
C-271930	05DEN014R_C	39.81344	-104.97786	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.55	0.87	1.8	3.29	0.33	1.21	0.03	0.16	<1	5	693	1.3	0.35	0.7	100	5	24	2.36	20.2	11.2	0.05	41.3	13	340	0.92	9.1	10.6	680	45.8	115	0.71	5.8	2	210	<0.1	20.8	0.7	2.8	43	0.9	15.8	82	<0.2
C-271931	05DEN060_C	39.73977	-104.90358	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.22	1.11	1.86	3	0.45	1.24	0.1	0.18	<1	5	723	1.3	0.22	1.2	99.2	5.5	33	2.84	34.1	11.5	0.05	46.1	14	366	2.01	10.5	14.4	900	344	98.8	1.53	5.8	4.3	190	<0.1	17.9	0.4	2.7	43	3.4	17.3	254	0.4
C-271932	05DEN135_C	39.76915	-105.01592	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.12	5.58	1.21	2.32	2.83	0.51	1.15	0.06	0.2	<1	9	681	1.4	0.83	1.5	114	10	36	2.9	45.6	12.7	0.12	51.1	19	490	1.52	10.1	18.9	1130	222	103	1.83	8.2	3.6	226	0.1	22.1	0.6	3.1	57	9.7	18.5	252	0.4
C-271933	05DEN268_C	39.62415	-104.99715	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.94	0.7	1.37	3.37	0.27	1.15	0.04	0.14	<1	3	759	1.3	0.19	0.4	72.3	4.3	16	1.91	13.8	10.3	0.04	30.3	10	308	0.99	11.2	8	600	51.6	112	0.48	4.8	1.5	181	<0.1	14.1	0.5	2.8	32	2.4	16.3	67	<0.2
C-271934	05DEN103_C	39.68213	-104.86635	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.92	0.29	0.67	4.37	0.13	0.9	0.01	0.1	<1	2	873	1.2	0.13	0.3	55.1	2.6	8	1.51	5.6	10.1	<0.02	23.9	6	178	0.45	10.1	4.7	220	28.5	139	0.28	2.8	0.9	140	<0.1	8.3	0.6	1.4	17	0.7	12.5	29	<0.2
C-271935	05DEN037_C	39.79847	-104.86411	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.04	0.6	1.28	3.62	0.2	1.24	0.02	0.14	<1	2	832	1.3	0.1	0.2	87.7	3.4	14	1.47	8.3	10	0.02	36.8	8	244	0.63	9.8	6.9	440	29.3	119	0.28	3.8	1.2	195	<0.1	14.3	0.6	2.1	32	0.7	14.6	97	<0.2
C-271936	05DEN167_C	39.76982	-105.05259	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.29	5.42	1.02	2.2	2.97	0.39	1.28	0.06	0.18	2	99	688	1.5	1.31	1.6	147	5.8	33	2.18	57.1	12	0.15	66	12	429	1.43	8.8	12.1	930	373	109	4.69	6.5	4.2	215	0.1	30.9	0.5	4	52	2.5	20.3	278	<0.2
C-271937	05DEN112_C	39.66758	-104.96004	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.89	1.03	2.44	3.54	0.45	1.03	0.04	0.26	<1	4	827	1.7	0.21	0.4	92.9	7.9	26	2.65	18.3	12.8	0.05	39.6	15	485	2.09	17.7	12	770	137	120	0.66	8.2	2.1	303	<0.1	13.8	0.7	2.5	69	1.4	23	99	<0.2
C-271938	05DEN039_C	39.78416	-104.84683	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.14	0.59	1.57	3.34	0.29	1.06	0.03	0.17	<1	3	837	1.2	0.17	0.4	85.6	4.8	20	2.28	14.3	10.3	0.03	38.1	11	358	0.89	9.8	10	560	67.2	107	0.47	5.3	1.5	198	<0.1	14.6	0.5	2.3	42	1	15.9	71	<0.2
C-271939	05DEN108_C	39.66742	-104.86517	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.51	0.96	2.85	2.99	0.48	0.9	0.06	0.28	<1	3	1140	1.4	0.16	0.4	77.7	9.1	35	2.51	21.5	12.2	0.04	33.9	14	622	1.9	10.3	12.4	830	67.6	97.2	0.49	9.1	1.7	656	<0.1	12.7	0.5	2.9	92	1.2	17.7	95	0.4
C-271940	05DEN391_C	39.79865	-105.20699	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.13	2.74	2.88	2.07	0.79	0.9	0.13	0.27	<1	6	567	1.2	0.31	0.7	66.1	10	39	2.89	30.7	11	0.05	30.7	18	692	1.54	10.7	15.6	2340	31.5	67.9	0.46	11.4	1.5	382	<0.1	9	0.4	1.9	88	1	16.7	123	0.6
C-271941	05DEN006_C	39.8562	-104.94007	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.12	5.96	1.63	3.07	2.73	0.49	1	0.05	0.24	<1	6	777	1.6	0.36	1.1	88.5	7.4	32	2.94	48.4	12.9	0.05	37.7	19	483	2.05	22.2	16.9	720	181	93.6	1.65	8	52.3	277	<0.1	12.9	0.6	3	56	1.2	23.9	217	0.4
C-271942	05DEN469_C	39.87083	-104.82776	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.6	0.55	1.16	3.13	0.22	1.03	0.02	0.13	<1	3	788	1.3	0.12	0.2	76.3	4.1	14	1.78	8.6	9.47	0.02	33.7	10	250	0.71	8.1	8.3	390	23.6	101	0.29	4.2	1.1	185	<0.1	12.5	0.4	1.9	33	0.7	13.7	34	<0.2
C-271943	05DEN050R_C	39.75527	-104.97846	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.1	5.11	1.21	1.65	3.38	0.38	1.05	0.06	0.18	<1	5	777	1.4	0.27	1	103	5.5	39	2.35	26.9	11.5	0.07	47.4	13	408	1.94	14.2	12	910	227	116	1.47	5.9	6.9	186	<0.1	18	0.6	2.6	40	1.3	18.9	216	<0.2
C-271944	05DEN211_C	39.7399	-105.03472	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.24	1.29	2.08	2.98	0.41	1.26	0.09	0.2	<1	5	705	1.4	0.25	1.3	75.2	13.5	40	1.93	28.1	11.2	0.06	32.6	17	415	2.24	10.6	25.2	1000	287	98.7	1.47	6.4	7.5	252	<0.1	12.8	0.5	2.7	56	1.8	16.3	221	0.3
C-271945	05DEN249_C	39.596	-105.09105	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.15	0.61	2.07	2.55	0.44	0.49	0.03	0.21	<1	9	548	1.3	0.32	0.6	75.8	10.4	34	3.95	18.5	10.5	0.05	32.2	22	391	1.41	8.4	23.1	490	49	95.4	0.77	7.6	1.6	125	0.2	12.8	0.7	2	69	1.3	17.5	72	<0.2
C-271946	05DEN147_C	39.87089	-105.03478	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.85	2.38	2.17	2.61	0.7	0.81	0.05	0.23	<1	7	620	1.6	0.24	0.3	87.3	8.9	29	4.12	22.9	12.7	0.05	37.9	26	379	1.22	10.4	21.9	850	33.4	97.7	0.62	8.5	1.9	200	<0.1	14.1	0.7	2.4	66	1.2	19.6	82	<0.2
C-271947	05DEN092_C	39.69699	-104.94038	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.61	1.17	1.34	2.91	0.35	1.07	0.07	0.15	<1	3	848	1.2	0.2	0.3	74.4	4.4	22	1.82	21.2	10.2	0.03	30.1	11	301	1.58	11.2	9.9	1140	38.4	96.2	0.93	4.7	1.8	181	<0.1	10.9	0.5	2.1	32	1.3	14.1	115	0.3
C-271948	05DEN213_C	39.72637	-105.05276	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.17	5.55	1.05	2.17	2.43	0.63	1.21	0.08	0.2	<1	4	722	1.4	0.44	0.5	78.1	6.7	23	2.79	24	12.4	0.06	32.5	18	500	2.99	9.8	12.4	850	86.7	80.2	0.76	8.6	2.5	260	0.2	11.7	0.5	3	57	2	17.9	171	0.4
C-271949	05DEN073_C	39.72522	-104.93958	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.47	1.13	1.82	3.32	0.43	1.1	0.07	0.19	<1	37	760	1.6	0.21	0.7	91.7	6.1	24	2.6	21.3	12.1	0.05	38.3	15	354	1.47	11.9	12.7	1020	114	111	1.47	6.5	2.1	231	<0.1	15.1	0.5	2.9	47	1.6	19.3	131	0.4
C-271952	05DEN088_C	39.6968	-104.86827	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.11	0.65	1.14	4.05	0.25	0.94	0.03	0.12	<1	2	833	1.4	0.12	0.2	65.8	4.2	15	2.09	12.3	11	0.03	29.3	10	269	0.66	9.4	8	470	32.6	130	0.34	4.5	1.2	171	<0.1	10.9	0.6	1.9	29	0.7	15	49	<0.2
C-271954	05DEN204_C	39.63881	-105.03458	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.69	1.48	2.5	3.01	0.53	1	0.05	0.23	<1	7	780	1.6	0.32	0.6	114	8.1	26	3.11	21.4	12.2	0.06	52.3	18	490	1.27	10.7	14.9	790	154	97.3	0.94	8.3	5	254	<0.1	18.2	0.6	2.6	70	1.2	21.4	156	0.3
C-271955	05DEN129_C	39.63845	-104.94138	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.66	1.37	4.93	2.86	0.71	0.81	0.04	0.47	1	9	875	1.5	0.27	0.5	103	13.9	26	3.39	25.6	15.2	0.07	42.5	19	884	1.45	17	15.3	910	55.8	97.1	0.63	12.7	2.2	624	<0.1	13.4	0.5	2.8	150	1.4	23.7	110	0.3
C-271956	05DEN447_C	39.62392	-104.77296	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.98	0.43	1.36	4.03	0.24	0.94	0.02	0.13	<1	5	885	1.3	0.14	0.2	59.1	4.3	11	1.87	9.6	11.2	0.02	26.2	9	288	0.55	8.8	6.4	330	24.7	132	0.32	4.6	1.2	183	<0.1	9.6	0.7	1.8	34	0.8	13.5	40	<0.2
C-271957	05DEN122_C	39.65367	-104.86769	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.15	0.69	1.49	3.28	0.34	1.6	0.04	0.15	<1	3	724	1.5	0.18	0.4	92	3.6	27	1.55	17.2	12	0.04	35.6	10	311	1.54	23.8	7.1	390	161	104	0.79	4.5	3.8	160	<0.1	16.4	0.5	3.8	27	19.1	18.3	115	<0.2
C-271958	05DEN034_C	39.79824	-104.90294	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.4	0.75	1.71	3.71	0.29	1.14	0.03	0.17	<1	5	834	1.3	0.15	0.2	127	5.2	16	2.35	10.9	11.3	0.03	58.1	11	352	0.66	11.3	9.3	560	30.6	123	0.37	5.3	1.5	201	<0.1	23.9	0.7	2.8	41	1.1	18.7	56	<0.2
C-271959	05DEN364_C	39.82744	-105.18385	7/28/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.64	1.19	2.16	1.91	0.51	0.47	0.04	0.23	<1	8	470	1.5	0.29	0.3	68	7.8	34	4.57	17.1	11.8	0.05	30.1	22	299	0.9	9.7	17.6	440	23.4	77.5	0.76	8.8	1.7	135	<0.1	10.4	0.6	1.9	77	1.6	17.4	65	0.3
C-271960	05DEN116_C	39.6526	-104.9777	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.49	1.29	3.03	3.22	0.51	0.74	0.05	0.29	<1	7	830	1.4	0.2	0.4	89.6	10	22	2.75	29.7	12.6	0.05	40.1	16	627	1.09	18	13.2	1270	50.8	108	0.52	9.1	2.4	371	<0.1	13.7	0.5	2.6	88	0.9	22.9	102	0.3
C-271961	05DEN215_C	39.6962	-105.05257	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.04	4.69	0.87	1.54	2.98	0.3	1.18	0.18	0.14	<1	4	664	1.3	0.18	0.5	75.8	4.4	13	1.56	18.6	10.7	0.04	30.3	9	312	1	10.6	10	570	48.5	104	0.55	5.2	2.8	200	<0.1	14.1	0.5	2	47	2.4	14.2	85	<0.2
C-271967	05DEN174_C	39.82742	-105.0722	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.61	4.26	2.47	1.89	0.72	0.75	0.04	0.22	<1	11	629	1.3	0.37	0.3	72.4	8.5	25	3.5	30.2	12.4	0.06	32.2	22	466	1.13	9.1	14.7	360	27.9	75.4	0.85	9.3	1.6	314	<0.1	10.5	0.6	2.3	65	1	18.7	111	0.3
C-271968	05DEN235_C	39.6968	-105.11026	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.05	6.62	1.51	3.45	2.98	0.64	1.04	0.07	0.29	<1	11	709	1.5	0.46	1.1	86.1	11.7	21	3.3	43	14.5	0.08	37	16	771	2.1	14.3	13.2	1140	79.1	107	1.11	12.5	2.3	465	0.1	13.4	0.5	2.8	92	2	20.5	218	0.4
C-271969	05DEN389_C	39.82701	-105.20287	8/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.86	2.4	4.19	1.31	0.8	0.97	0.04	0.37	1	12	505	1.2	0.09	0.2	75.6	10.9	6	0.96	8.6	14.9	0.06	32.1	11	627	0.97	10.3	9.1	1180	20.4	35.3	0.28	14.5	1.6	354	<0.1	9.1	0.4	1.4	76	0.5	22.3	77	0.4
C-271970	05DEN277_C	39.58139	-104.96077	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.55	0.87	3.6	2.52	0.75	0.6	0.06	0.31	<1	14	658	1.7	0.25	0.5	94.6	10.6	35	4.25	24.9	15.1	0.06	41.7	24	610	4.6	13.9	18.5	990	48.1	94.8	0.75	12.5	2.3	318	<0.1	14.5	0.7	3.1	104	1.5	22.9	97	0.5
C-271971	05DEN119R_C	39.65294	-104.92235	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.51	1.01	2.09	3.22	0.45	1.3	0.09	0.19	<1	11	750	1.5	0.22	0.9	86.9	6.7	24	2.33	25.8	12.5	0.07	36.4	14	404	1.73	12.3	12.1	600	317	107	1.13	6.7	2.8	221	<0.1	14.2	0.6	2.5	49	7.7	18.1	189	<0.2

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-271973	05DEN095_C	39.69698	-104.99688	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.16	0.81	1.88	3.46	0.31	1.11	0.05	0.2	<1	8	723	1.7	0.23	0.5	111	4.7	17	2.15	16.5	12.1	0.06	50.9	13	388	2.27	26.2	8.4	830	51.1	122	0.52	6.3	2.7	185	<0.1	15.6	0.7	3.6	40	1.1	23.9	120	0.5
C-271974	05DEN467_C	39.87103	-104.79376	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.37	1.5	1.63	3.13	0.36	1.09	0.13	0.17	<1	6	733	1.4	0.15	0.2	73.5	5.3	19	2.57	14.5	11.3	0.03	30.5	15	285	1.07	10.7	10.7	430	28.3	108	0.5	5.9	1.4	218	<0.1	11.6	0.6	2.3	45	0.9	15.3	53	0.4
C-271975	05DEN446_C	39.6242	-104.79136	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.3	0.51	1.56	4.09	0.24	0.98	0.02	0.16	<1	11	891	1.3	0.13	0.1	73.4	5.5	15	2.24	9.6	11.8	0.03	32	12	301	0.76	11.3	8.8	330	26.4	134	0.3	5.1	1.2	193	<0.1	11	0.7	2	41	0.7	14.7	40	<0.2
C-271976	05DEN111_C	39.66856	-104.94055	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.09	0.93	1.44	3.29	0.28	1.14	0.05	0.12	<1	4	720	1.5	0.14	0.4	86.6	4	15	2.01	17.4	10.8	0.03	37.4	11	270	1.05	10.5	8.7	1490	26.2	110	0.62	4.8	1.4	198	<0.1	13.3	0.6	2.5	30	1	14.1	76	0.3
C-271977	05DEN190_C	39.79823	-105.10809	7/28/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.9	1.72	3.54	2.73	1.43	0.75	0.35	0.18	2	10	658	3.1	0.9	0.3	71.7	6.4	16	6.36	57.8	18.9	0.13	30.3	28	626	2.2	12.1	13.4	470	22.5	90.9	0.4	8.9	5.3	132	0.2	10.1	0.7	5	43	2.5	14.9	162	1.7
C-271978	05DEN164_C	39.84161	-105.0156	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.06	4.64	0.85	1.57	2.69	0.32	1.02	0.05	0.15	<1	8	617	1.2	0.36	0.6	70.8	4.6	22	2.16	24.4	10.2	0.05	30.5	12	288	1.04	9.5	11.5	610	96.7	95	0.99	5.3	1.8	180	<0.1	11.2	0.5	2.1	39	1.2	14.8	180	0.4
C-271979	05DEN205_C	39.65249	-105.03376	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.82	1.26	3.32	2.96	0.63	1.18	0.05	0.28	<1	4	685	1.7	0.21	0.4	111	9.4	29	2.99	19.2	13.9	0.06	51.9	18	574	1.08	11.3	14.4	1100	40.3	99.6	0.4	10.7	2.2	302	<0.1	19.1	0.6	3.7	82	1.3	22.8	88	0.7
C-271980	05DEN040_C	39.7826	-104.86659	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.7	0.6	1.5	3.32	0.25	0.96	0.02	0.14	<1	7	811	1.2	0.18	0.2	86	4.7	14	2.25	9.9	10.5	0.03	36.1	9	331	0.61	8.2	8.1	430	24.1	111	0.3	4.8	1.3	196	<0.1	14.4	0.6	2.1	37	1	14.1	37	0.2
C-271981	05DEN025_C	39.84152	-104.90384	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.04	4.88	0.62	1.53	3.5	0.24	1	0.03	0.17	<1	6	814	1.5	0.18	0.6	102	4.5	18	2.15	13.9	11.6	0.04	47.9	11	333	0.94	18.4	8.6	700	74.1	126	0.67	5.4	2.9	178	<0.1	17.2	0.7	2.9	37	1	19.4	89	0.3
C-271982	05DEN126_C	39.63704	-104.88537	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5	1.33	2.14	2.34	0.49	0.96	0.09	0.2	2	8	593	1.4	0.43	1.1	63.8	6.7	26	2.8	37.6	10.8	0.04	27.6	17	465	1.83	9.4	14.3	1350	28.7	81.2	1.01	7.3	2.7	188	<0.1	9.5	0.5	3.6	54	3	15	144	0.4
C-271983	05DEN005_C	39.85614	-104.92063	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.85	0.47	1.46	3.74	0.19	1.04	0.02	0.17	<1	4	786	1.5	0.14	0.4	96.2	3.6	16	1.76	8.4	11.7	0.04	40.5	10	295	0.75	20.5	6.4	370	59.7	133	0.29	4.2	1.8	154	<0.1	17.7	0.6	2.2	30	0.9	19.8	51	<0.2
C-271984	05DEN284_C	39.62518	-104.90419	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.05	4.21	0.35	1.06	3.54	0.16	0.74	0.02	0.12	<1	5	744	1.2	0.09	0.1	84	2.6	8	1.44	8.3	10.2	0.03	36.8	9	236	0.57	15.4	4.9	290	23.9	122	0.39	3.4	1.5	113	<0.1	12.9	0.6	2.4	22	1.2	16.1	53	<0.2
C-271985	05DEN033_C	39.8125	-104.92229	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.8	0.62	1.49	3.37	0.24	1.16	0.03	0.14	<1	8	765	1.4	3.8	0.7	104	4.1	22	1.85	17.4	11.1	0.04	50.5	9	283	1.5	11.9	8.8	550	275	123	0.59	4.8	2	176	<0.1	19.2	0.6	2.5	33	1.1	16.7	340	<0.2
C-271986	05DEN266_C	39.58084	-105.01675	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.27	1.32	3.06	2.85	0.72	0.61	0.04	0.3	<1	13	873	1.6	0.21	0.4	98.5	10	24	3.48	20.1	14.2	0.06	44.9	21	710	1.13	17.5	15.5	850	29.6	102	0.57	11.1	2	309	<0.1	14.2	0.7	2.7	85	1.1	24.4	78	0.3
C-271987	05DEN366_C	39.69584	-105.14757	7/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.92	2.15	3.92	2.44	0.8	1.09	0.04	0.32	1	9	682	1.6	0.17	0.2	79.9	12.9	23	3.47	27.6	16.2	0.06	35.3	17	768	0.91	13.4	14.8	890	21.9	79.8	0.35	15	1.8	419	<0.1	10	0.5	2.3	106	1.2	27.5	92	<0.2
C-271988	05DEN130_C	39.63747	-104.95985	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.87	0.75	1.71	3.07	0.38	1.27	0.07	0.15	<1	3	668	1.5	0.2	0.4	64.2	4.5	23	1.75	24.5	11.7	0.04	26.8	11	341	2.03	10.9	8.3	800	100	101	3.74	5	9.4	177	<0.1	9.2	0.6	2.4	35	3.9	15.7	98	0.3
C-271989	05DEN321_C	39.65239	-105.18453	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.5	5.21	2.39	2.12	0.58	0.43	0.05	0.19	<1	12	441	1.4	0.36	0.5	67.9	8.1	30	4.59	22.1	12.3	0.05	29.5	27	363	4.22	9.6	23	640	20.8	83.6	0.82	8.6	2	296	<0.1	12.8	0.7	3.2	81	1.3	18.5	75	0.6
C-271990	05DEN046_C	39.76955	-104.88631	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.56	0.53	1.5	3.45	0.21	0.93	0.01	0.15	<1	8	817	1.1	0.1	<0.1	93.1	4.2	11	1.91	7.5	9.87	0.02	39.8	8	326	0.49	10.5	6.7	410	22.8	115	0.23	4.1	1.1	190	<0.1	14.3	0.6	2.1	38	0.6	14.5	33	<0.2
C-271991	05DEN162_C	39.87074	-105.01579	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.85	0.77	1.51	2.99	0.3	0.97	0.04	0.15	<1	6	673	1.2	0.2	0.3	69.3	4.3	21	2.31	12.8	10.7	0.06	29.5	13	339	0.88	16.5	9.9	570	37.4	102	0.57	5.1	1.4	161	<0.1	11.6	0.5	2.1	38	0.9	17.3	64	<0.2
C-271992	05DEN123_C	39.65246	-104.84826	8/31/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.68	0.25	0.66	4.37	0.12	0.86		0.08	<1	7	882	1.3	0.06	<0.1	53.7	2.4	5	1.44	4.4	10.4	<0.02	24.9	6	169	0.29	11	3.5	220	23	146	0.14	2.7	0.9	143	<0.1	7.7	0.8	1.3	16	0.5	13.4	19	<0.2
C-271993	05DEN076_C	39.72725	-104.9966	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.21	4.65	0.48	1.18	3.65	0.2	0.88	0.03	0.12	<1	20	831	1.3	0.55	1.4	62.6	4.1	16	1.76	29.2	10.8	0.09	27.4	9	312	1.55	11.7	8.1	730	412	126	1.18	4.1	7	144	0.1	9.7	0.6	2.4	26	1.6	15.6	218	0.2
C-271994	05DEN327_C	39.79858	-105.1285	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.31	0.95	2.67	1.83	0.55	0.56	0.03	0.23	<1	16	434	1.8	0.53	0.5	76.9	9.9	40	5.94	26.4	14.6	0.08	33.3	25	306	1.16	9.3	20.6	400	35	93.6	1.09	10.7	2	129	<0.1	11.5	0.7	3.4	90	1.4	18.6	103	0.4
C-271995	05DEN302_C	39.68019	-104.99835	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.2	5.71	0.9	2.16	3.5	0.41	1.09	0.04	0.23	<1	11	757	1.8	0.27	0.6	127	6.2	21	2.76	16.4	13.8	0.07	58.6	16	464	3.32	22.6	11.2	830	48.8	126	0.53	7.8	3.4	203	<0.1	15.7	0.6	3.3	47	1.4	26.7	94	0.3
C-271996	05DEN043_C	39.78416	-104.94092	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.64	0.61	1.22	3.35	0.2	1.3	0.03	0.1	<1	11	734	1.2	0.14	1	69.1	2.8	15	1.17	14.1	10.4	0.05	32.5	7	220	1.34	9.1	6.7	370	132	110	0.76	3.5	2.2	157	<0.1	12.2	0.7	1.5	23	1.1	11.8	124	<0.2
C-271997	05DEN248_C	39.58097	-105.09158	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.08	1.53	2.1	2.38	0.54	0.47	0.04	0.17	<1	15	550	1.4	0.32	0.3	65.5	6.6	28	4.14	18.6	11.5	0.04	29	20	334	1.34	8.3	17.8	690	20.4	93.3	0.71	7.5	1.7	151	0.1	10.2	0.7	2.3	65	1.1	15.8	71	0.4
C-271998	05DEN435_C	39.66606	-104.81021	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.24	0.22	0.72	3.96	0.09	0.77		0.09	<1	4	844	1.1	0.1	0.1	46.7	4.2	7	1.25	4.8	9.64	<0.02	21.2	5	163	0.43	9	3.5	200	26.9	133	0.17	2.3	0.7	146	<0.1	7.1	0.6	1.2	20	0.4	9.8	23	<0.2
C-271999	05DEN199_C	39.69688	-105.01588	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.66	1.41	2.74	3.21	0.56	1.27	0.11	0.25	<1	6	747	1.4	0.46	1.5	87	8.3	33	2.04	53	12.9	0.09	36.1	13	529	3.24	11.7	14.3	1140	647	100	1.34	9	3	331	<0.1	14.4	0.5	2.2	70	3.9	17.9	269	0.3
C-272001	05DEN352_C	39.79834	-105.2217	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.92	1.24	2.75	2.27	0.59	1.06	0.04	0.22	<1	8	526	2.2	0.47	0.4	81.5	8.6	42	5.43	18.9	13.9	0.05	35.2	34	474	1.44	11.6	20.7	580	30.5	92.8	0.64	9.9	1.9	168	<0.1	14.6	0.6	2.6	76	3.3	19	68	0.4
C-272002	05DEN221_C	39.65316	-105.07217	7/22/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.25	1.99	2.91	3	0.62	1.23	0.05	0.23	<1	5	688	1.7	0.28	0.4	103	8.3	27	3.45	19.4	14.6	0.06	40.8	20	476	1.23	10.7	16	760	53.2	102	1.08	10.1	2.3	249	<0.1	15.8	0.7	2.6	72	2	20.9	96	0.3
C-272003	05DEN256_C	39.59507	-105.05388	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.13	2.46	2.08	2.25	0.53	0.47	0.03	0.19	<1	9	539	1.5	0.26	0.4	82.9	7.4	27	3.99	15	11.9	0.05	36.5	21	334	1.5	10.4	15.9	520	35.5	92.8	0.84	7.9	1.8	171	<0.1	12.1	0.7	2.5	65	1.2	18.4	70	0.4
C-272004	05DEN064_C	39.7403	-104.8276	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.31	5.56	0.92	2.35	3	0.52	0.91	0.08	0.22	<1	6	730	1.6	0.24	7.7	103	8.1	30	3.42	24.7	13.3	0.05	47.7	18	474	1.88	12.8	15.8	1070	129	110	0.8	8.5	2.3	209	<0.1	17.7	0.7	3.9	62	2.3	21.2	129	0.5
C-272005	05DEN133_C	39.79819	-105.01564	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.18	4.02	0.38	0.83	2.95	0.14	0.89	0.03	0.08	<1	3	728	0.9	0.22	0.7	49.5	2.4	9	1.45	12.6	8.15	0.03	23.9	6	188	0.65	4.5	5	450	54.8	102	0.5	2.8	1.3	144	<0.1	10.8	0.6	1.6	18	0.7	8.5	74	<0.2
C-272006	05DEN340_C	39.74092	-105.16266	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.02	7.49	3.94	5.78	2.37	1.19	1.13	0.04	0.48	<1	4	862	2	0.26	0.5	88.6	18.9	42	<5	45.4	19.5	0.12	44.4	17	1060	1.3	17.2	17.7	1620	32.3	97.9	0.61	17.7	2	622	<0.1	13.7	0.5	2.7	193	1.2	26.4	146	<0.2
C-272007	05DEN146_C	39.85612	-105.03425	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.74	1.15	1.89	2.11	0.47	0.92	0.05	0.15	<1	4	605	1.6	0.24	0.6	60.5	5.2	31	<5	20.7	12	0.08	30.3	14	325	1.15	7.4	12.3	520	119	96.6	0.69	5.3	4.3	155	<0.1	13.3	0.6	2.8	45	1.2	14.4	116	0.2
C-272008	05DEN295_C	39.60773	-104.84785	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.58	1.72	2.85	2.51	0.48	0.81	0.05	0.27	<1	4	835	1.6	0.13	0.3	74.6	8.7	31	<5	18.6	13.6	0.05	36.7	15	533	0.91	12.7	13.1	770	24.8	105	0.39	6.9	1.5	313	<0.1	13.1	0.6	3.4	85	0.9	19.1	71	0.4
C-272009	05DEN263_C	39.62451	-105.01795	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.86	1.05	2.34	3.33	0.41	0.96	0.04	0.28	<1	3	914	2.3	0.12	0.3	126	6.1	23	<5	14.5	15.6	0.09	60.9	15	526	1.09	36.3	11	560	34.5	140	0.33	7.3	3.4	231	<0.1	22	0.8	5	49	0.8	39.7	83	0.2
C-272010	05DEN354_C	39.81419	-105.20141	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.09	6.61	1.34	3.62	2.22	0.81	0.88	0.04	0.29	<1	11	632	2.1	1.15	1	70.4	11.3	110	7	55	16	0.16	35.9	23	608	2.99	9.7	32.2	690	68.3	101	2.17	11.1	2	224	<0.1	12.9	0.6	2.9	110	1.6	19.2	166	0.2
C-272011	05DEN253_C	39.59445	-105.07315	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.14	1.15	2.33	2	0.52	0.33	0.04	0.2	<1	7	560	1.7	0.25	0.7	68.9	7.4	37	6	17.2	12.3	0.07	34	19	373	1.51	8.7	17.9	500	49.6	98.4	0.89	7.2	1.8	130	<0.1	12.5	0.7	2.1	73	1.1	18.2	81	0.3
C-272012	05DEN188_C	39.76942	-105.11082	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.74	1.2	2.51	2.58	0.53	1.3	0.11	0.2	<1	4	714	1.7	0.35	1.9	77.6	8.2	57	<5	52.5	14.7	0.09	34.7	14	467	2.97	9.8	16.9	820	482	115	1.92	6.9	3.7	234	<0.1	15.1	0.6	2.7	59	4.7	16.2	338	0.3
C-272015	05DEN021R_C	39.84166	-104.95918	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.69	1.18	2.27	2.51	0.54	1.12	0.08	0.21	<1	4	730	1.6	0.5	0.9	71.5	6.9	35	<5	28.8	12.9	0.06	35.4	15	473	1.87	10.2	14.6	910	92.1	98.4	1.01	6.1	2.3	270	<0.1	12.7	0.6	2.3	52	1.1	16.2	129	0.2
C-272021	05DEN251_C	39.62428	-105.08775	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.47	2	2.83	1.87	0.67	0.34	0.03	0.26	<1	7	550	1.9	0.26	0.3	71.4	9.7	44	7	19.9	15.5	0.07	37.5	24	319	1.57	11.1	23.2	460	20.5	103	0.91	9.4	1.8	210	<0.1	12	0.8	3.1	108	1.2	20.5	78	0.4
C-272022	05DEN362_C	39.85612	-105.16525	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.74	1.7	2.77	2.33	0.73	1.43	0.08	0.18	<1	3	640	1.4	0.18	0.3	47.9	8.9	34	<5	24.5	13.6	0.07	22.7	14	558	1.24	7.7	15.2	500	19.7	88.1	0.5	8.6	1.8	186	<0.1	8.4	0.5	2.1	69	6.9	17.7	79	0.2
C-272023	05DEN019_C	39.8125	-104.95957	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.58	1.25	2.02	2.83	0.44	1	0.07	0.2	<1	3	841	1.6	0.18	1.1	78.5	6.7	33	<5	28	13.7	0.07	38.1	13	432	1.94	11.1	13.8	1010	89.1	121	1.22	5.7	3.5	240	<0.1	18.2	0.7	2.9	53	1.3	17.7	194	0.4
C-272024	05DEN247_C	39.58063	-105.11253	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.2	6.85	2.33	2	0.7	0.35	0.05	0.19	<1	8	603	1.4	0.25	0.5	52.5	7.8	42	7	18.3	12.6	0.05	26.1	26	320	1.79	7.4	21.2	620	23.2	96.5	0.94	7.4	1.8	205	<0.1	10.1	0.7	2	92	1.1	15.5	70	0.5
C-272026	05DEN459_C	39.798	-104.77242	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.26	0.57	1.25	3.43	0.21	0.93	0.02	0.14	<1	2	948	1.4	0.08	0.1	87.2	4.1	42	<5	14.3	12.5	0.03	45.2	8	259	0.76	10.3	22.9	320	26.5	137	0.22	3.7	1	190	<0.1	16.1	0.7	2.2	33	0.8	16.9	37	<0.2
C-272027	05DEN333_C	39.82692	-105.14939	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.39	2.09	2.15	2.2	0.49	0.91	0.04	0.2	<1	4	670	1.7	0.26	0.3	70.7	7.6	43	5	19.9	12.8	0.06	35.6	18	379	1.04	9.3	16.7	530	114	97.9	0.72	6.9	1.5	190	<0.1	13.4	0.6	2.3	59	1.1	16.6	81	0.2

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-272028	05DEN402_C	39.84153	-105.22193	8/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.6	0.69	2.63	2.05	0.53	0.62	0.04	0.26	<1	10	588	1.8	0.43	0.8	56.8	11.3	43	7	21.8	13.3	0.08	28	23	555	1.46	8.7	21.3	590	43.6	94.8	1.01	9.1	1.8	134	0.1	10.1	0.6	2.3	83	1.3	19.1	79	0.7
C-272029	05DEN228_C	39.74098	-105.09332	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.49	2.32	3.32	2.61	0.77	1.09	0.09	0.3	<1	4	817	1.5	0.24	0.5	89.7	10.7	31	<5	79.8	15.5	0.09	44.1	14	680	1.12	12.7	15.1	1760	73.8	99.7	0.85	10.4	26.9	460	<0.1	15	0.6	2.5	92	0.9	21.6	127	0.4
C-272030	05DEN450_C	39.60933	-104.7734	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.01	0.86	2.28	2.86	0.42	0.81	0.02	0.24	<1	4	968	1.7	0.14	0.3	92.8	7.7	25	<5	16	14.2	0.06	46.1	15	450	0.75	10.4	13.2	640	26.9	121	0.39	7.1	1.7	281	<0.1	16.9	0.7	3.1	64	0.9	21.6	78	0.2
C-272031	05DEN105_C	39.68214	-104.83128	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.3	0.27	0.78	3.41	0.13	0.73	0.01	0.09	<1	2	855	1.2	0.06	<0.1	42.3	2.4	8	<5	5	10.3	<0.02	21.9	5	153	0.28	8.2	3.9	190	23.8	136	0.1	2.3	0.7	128	<0.1	7.5	0.7	1.3	19	0.4	11	24	<0.2
C-272032	05DEN271_C	39.60953	-104.99745	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.58	1	2.05	2.88	0.39	0.78	0.07	0.25	<1	5	838	1.9	0.2	0.9	88.7	6.5	31	<5	19.7	13.4	0.07	43.6	15	462	1.54	21.5	12.2	1140	68.2	124	1.03	6.8	3.5	220	<0.1	14.2	0.7	2.9	52	1	24.9	109	0.7
C-272033	05DEN084_C	39.71098	-104.84822	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.48	1.29	2.17	2.74	0.42	1.31	0.05	0.18	<1	3	878	1.6	0.11	0.7	111	6	29	<5	26.6	13	0.05	52.4	12	363	3.26	9.2	13.1	590	44.9	114	1.57	5.4	3.2	211	<0.1	21.2	0.5	2.5	46	1.7	18.7	127	<0.2
C-272034	05DEN177_C	39.87099	-105.07244	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.05	4.32	0.85	1.79	1.61	0.46	0.45	0.04	0.21	<1	3	549	1.1	0.47	0.7	57.6	6.2	25	<5	28.8	9.38	0.08	28.9	14	382	1.18	6.7	12.3	610	42.5	71.1	0.84	6.1	2	139	<0.1	10.5	0.5	2.3	55	1.1	15.2	89	1.7
C-272036	05DEN349_C	39.76542	-105.22311	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.84	1.97	3.46	2.21	0.81	0.98	0.07	0.33	<1	6	714	1.9	0.44	0.6	74.6	12.1	40	5	33.8	15.9	0.08	36.6	19	924	2.77	11.8	22.1	1180	37.7	95.8	0.92	11.5	3.2	349	<0.1	12.2	0.5	5.3	102	1.1	21.2	124	0.3
C-272037	05DEN010_C	39.87055	-104.97697	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.16	1.96	3.12	1.66	0.68	0.79	0.02	0.3	<1	4	725	1.6	0.22	0.3	78.5	14.7	35	6	18.1	16.5	0.08	41.5	19	520	1.15	16.5	19.4	640	20.5	80	0.58	11.1	1.5	429	<0.1	9.8	0.6	3	95	1.4	21.9	85	<0.2
C-272038	05DEN018_C	39.79696	-104.95935	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.99	1.04	2.3	3.21	0.37	1.29	0.03	0.26	<1	4	859	2.2	0.16	0.9	115	5.7	25	<5	17	15.4	0.11	54.4	14	509	1.12	26.4	11.2	720	54.4	132	0.53	6.5	3.3	215	<0.1	18.3	0.7	3.3	46	1.1	30	100	<0.2
C-272039	05DEN183_C	39.8003	-105.09058	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.29	1.59	3.53	2.39	0.84	1.4	0.05	0.26	<1	4	613	1.8	0.31	0.7	63.9	12.3	38	6	34.8	15.7	0.11	31.4	18	757	1.6	7.2	16.1	660	84.8	99.8	0.77	13	2.1	188	<0.1	13.7	0.6	2.4	89	1.3	24	288	0.2
C-272040	05DEN254_C	39.58028	-105.07307	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.2	1.98	2.3	1.82	0.58	0.44	0.09	0.22	3	7	555	1.9	0.31	0.6	71.1	11.8	106	6	111	12.1	0.06	35	24	447	5.51	8.6	139	780	40.6	88.4	0.85	7.4	1.8	176	<0.1	11.8	0.6	2.2	71	1.5	19.1	382	<0.2
C-272041	05DEN138_C	39.75587	-104.99701	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.5	1.66	1.6	2.88	0.34	1.26	0.06	0.16	<1	8	801	1.6	0.29	0.5	68.9	5.4	27	<5	33	12.3	0.06	33.8	10	307	1.3	11.1	10.1	1290	45.3	121	0.72	4.7	2.2	288	<0.1	13.6	0.6	3	35	1	16.9	119	0.4
C-272042	05DEN089_C	39.69646	-104.88828	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.91	0.68	0.8	3.85	0.14	0.88	0.02	0.1	<1	2	938	1.3	0.1	0.3	49.1	2.6	13	<5	7.6	11.3	0.03	24.4	6	220	0.47	10	4.4	290	35.2	146	0.26	2.6	1	227	<0.1	8.2	0.7	1.6	19	0.5	12.3	35	<0.2
C-272043	05DEN161_C	39.8703	-104.99683	8/1/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.21	3.38	2.2	1.83	0.66	0.82	0.04	0.21	<1	5	815	1.6	0.14	0.3	73	7.5	29	<5	13.2	14	0.06	37.1	19	692	1.27	8.6	15.4	620	28.6	81.5	0.49	7.4	1.4	379	<0.1	11.6	0.5	2.1	62	0.9	18	66	0.2
C-272044	05DEN153_C	39.79868	-105.05343	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.08	5.23	1.37	2.25	1.98	0.48	0.83	0.05	0.2	<1	8	616	1.8	0.73	1	77.7	6.9	36	<5	49.8	12	0.15	38.8	17	391	1.92	8	16.5	560	116	89.8	7.34	6.7	4.3	187	<0.1	14.5	0.6	2.2	63	2.2	17.3	192	0.3
C-272045	05DEN154R_C	39.78164	-105.05309	7/27/2005	<2mm	0-5 in	WGS84	WGS84	1.33	5.01	2.32	2.3	2.48	0.42	1.13	0.1	0.17	8	8	750	1.5	1.97	7.7	89.9	5.9	67	<5	94.6	11.9	0.2	42.7	11	447	2.7	9.7	29.8	3920	367	109	2.5	5.2	19.6	275	<0.1	19.6	0.6	3.7	45	2.2	16	442	0.5
C-272046	05DEN021_C	39.84179	-104.95936	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.1	1.23	2.44	2.03	0.6	0.8	0.04	0.24	<1	6	739	1.7	0.37	0.9	75.5	8	34	5	29.1	13.8	0.09	37.4	17	522	1.23	9.5	15.9	810	56.8	88.8	1.02	8	1.8	305	<0.1	12.1	0.6	2.2	66	1	19.3	115	0.2
C-272047	05DEN185_C	39.76949	-105.08955	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.17	5.74	1.33	2.79	2.25	0.5	1	0.07	0.26	<1	44	681	1.6	0.68	3.1	99	7.8	39	<5	50.8	13.5	0.17	47.6	14	510	1.98	10.7	15.4	1130	193	102	3.54	6.9	2.8	260	<0.1	21.8	0.6	3.2	69	2	18.3	532	0.2
C-272048	05DEN121_C	39.6522	-104.88499	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.29	0.88	1.98	2.54	0.37	1.23	0.07	0.17	1	2	785	1.6	0.13	0.8	73.3	6	35	<5	22	12.4	0.05	35.8	11	367	2.05	8.1	13.1	690	210	102	0.88	4.9	2.2	213	<0.1	13.6	0.6	2.7	44	2.3	15.1	153	<0.2
C-272049	05DEN172_C	39.79814	-105.07418	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.11	6.12	1.7	2.86	2.43	0.6	1.37	0.04	0.25	<1	7	685	2	0.8	1.1	109	8.4	43	5	49.3	15.2	0.14	52.5	16	658	1.49	9	18.1	850	79	111	1.46	8.7	2.5	237	<0.1	23.2	0.7	3.5	64	1.5	21.7	188	0.5
C-272050	05DEN428_C	39.71136	-104.79166	8/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.15	1.41	3.15	2.5	0.53	0.84	0.08	0.31	<1	5	911	1.7	0.18	0.6	90.5	10.4	35	5	24.2	14.7	0.07	44.6	18	725	1.63	13.3	16.4	1270	25.2	101	0.59	8.5	1.9	382	<0.1	15	0.6	3.8	89	1.1	21.3	86	0.6
C-272051	05DEN245_C	39.60947	-105.11242	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.71	0.93	1.71	1.98	0.36	0.57	0.06	0.16	<1	5	596	1.5	0.13	0.7	50.5	5.1	28	<5	15.5	10.4	0.05	26.2	15	310	1.79	6.8	14	630	32.1	87.9	0.83	5.1	1.4	163	<0.1	8.9	0.5	2	56	0.9	13.8	65	0.3
C-272052	05DEN074R_C	39.72551	-104.9604	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.21	1.69	1.54	3.24	0.29	1.09	0.06	0.14	<1	4	885	1.7	0.12	0.8	73.6	4.5	24	<5	27.5	12.8	0.14	36.1	10	367	1.84	10.3	10.1	610	108	128	1.45	4	3	230	<0.1	13.1	0.7	2.3	37	2	16.7	252	0.2
C-272053	05DEN385_C	39.82681	-105.22133	8/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.43	1.1	3.16	2.32	0.66	1.09	0.03	0.25	<1	5	632	2.4	0.35	0.4	68.6	10.6	71	8	21.6	15.7	0.07	35.2	27	584	1.22	8.4	26.7	630	26.2	110	0.6	9.8	1.9	195	<0.1	13.6	0.7	3.5	85	1.5	19	76	0.4
C-272054	05DEN443_C	39.63838	-104.77353	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	3.64	1.54	0.85	0.65	0.51	0.33	0.02	0.08	<1	3	534	0.3	<0.04	<0.1	56.1	2.4	12	<5	5.5	4.02	<0.02	29.8	9	162	0.26	2.8	4.1	190	6.2	57	0.43	5.8	2	228	<0.1	9.3	0.1	1	20	0.2	14	26	<0.2
C-272055	05DEN182_C	39.81358	-105.09165	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.17	1.68	2.71	1.84	0.63	0.67	0.04	0.25	<1	6	661	1.7	0.31	0.5	65.7	8.8	45	6	22.7	14.7	0.08	33.4	21	461	1.43	8.4	18.5	670	35.6	88.1	0.8	8.7	1.6	287	<0.1	10.9	0.6	2.2	77	0.9	18.3	96	<0.2
C-272057	05DEN022R_C	39.84313	-104.93159	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.09	0.83	1.52	2.89	0.27	1.35	0.03	0.13	<1	2	808	1.7	0.1	0.3	53.1	4	41	<5	12.5	13	0.04	26.4	9	326	1.53	10.2	15	450	26.9	112	0.34	4.4	1.7	207	<0.1	10.1	0.6	2.1	34	1	15.5	65	<0.2
C-272058	05DEN440_C	39.65327	-104.77293	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.76	1.4	2.42	2.53	0.37	0.94	0.07	0.22	<1	3	981	1.7	0.11	0.5	72.7	7.4	29	<5	88.7	13.8	0.04	36.2	14	478	1.69	10.7	15.4	3630	21	102	0.55	6.7	1.8	426	<0.1	11.7	0.6	4.5	72	1	16.4	171	0.6
C-272059	05DEN163_C	39.85524	-105.0155	8/1/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.06	1.65	2.41	1.89	0.5	0.65	0.03	0.23	<1	5	625	1.5	0.28	0.4	91.9	7.6	31	<5	16.8	12.3	0.06	46.3	18	402	1.12	10.7	16.6	710	29.6	84.3	0.55	6.9	1.4	209	<0.1	17.8	0.6	2.5	67	0.9	18.5	80	<0.2
C-272060	05DEN120_C	39.65349	-104.90477	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.2	1.05	2.27	2.41	0.45	1.35	0.08	0.17	<1	2	657	1.6	0.26	0.6	68	6.2	40	<5	27.1	13.5	0.06	33.1	12	381	2.12	8.8	13.3	810	82.4	97.6	0.98	5.7	2.1	201	<0.1	11.3	0.5	2.6	52	2.1	15.9	141	<0.2
C-272061	05DEN166_C	39.81249	-105.01595	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.54	1.75	2.31	1.82	0.78	0.67	0.14	0.22	<1	5	520	1.6	0.32	0.5	65	8.1	39	6	31.8	13.7	0.07	33.1	22	405	1.13	8.9	18.6	2280	26.8	93.6	0.77	7.7	1.7	235	<0.1	11.9	0.6	3.2	71	1	18.2	134	0.4
C-272063	05DEN372_C	39.68054	-105.16579	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.94	1.63	6.28	2.3	0.91	0.78	0.04	0.5	<1	10	915	1.9	0.29	0.8	86.5	18.2	49	7	32.1	18.9	0.11	43.5	17	978	1.53	13.9	21.4	1140	63.7	90.5	0.87	14.1	2.3	522	<0.1	15.5	0.6	2.7	208	1.2	22.7	126	0.3
C-272064	05DEN461_C	39.81263	-104.77236	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.02	1.1	1.84	2.74	0.33	0.96	0.02	0.18	<1	4	899	1.4	0.15	0.2	91	5.2	20	<5	11.5	11.7	0.04	44.8	12	348	0.61	12.2	10.6	500	24.2	110	0.31	4.6	1.1	238	<0.1	17.8	0.6	2.6	54	0.7	20.2	44	<0.2
C-272065	05DEN273_C	39.58064	-104.99785	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.45	1.4	3.02	2.24	1.54	1.39	0.05	0.19	<1	4	533	2.8	1.97	0.2	87.4	11.4	25	9	75.1	20.5	0.17	35.2	29	876	2.1	9.6	14.2	610	19.9	90.7	0.24	10.5	3.2	252	0.7	10.8	0.5	3.9	49	1.6	19.1	100	0.5
C-272066	05DEN224_C	39.69593	-105.07274	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.11	6.29	1.87	4.42	2.4	0.75	0.89	0.07	0.36	1	12	741	1.6	1.28	2	78.2	14.5	44	<5	93.3	16	0.23	38.4	16	902	2.17	11.7	19.5	1390	115	103	3.36	12.5	2.2	448	0.1	11.3	0.6	2.6	131	2.8	22.2	312	<0.2
C-272067	05DEN002_C	39.87044	-104.8839	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.07	2.97	1.84	2.6	0.46	0.89	0.03	0.17	<1	5	802	1.8	0.17	0.3	86	6.4	21	<5	14.6	12.8	0.05	42.2	16	373	1.29	11.3	12.7	540	26.3	112	0.49	5.8	1.7	313	<0.1	14.2	0.7	3.2	51	0.8	19	55	<0.2
C-272068	05DEN181_C	39.82726	-105.09515	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.07	4.84	1	2.32	1.59	0.5	0.53	0.04	0.22	<1	10	540	1.5	0.73	1.2	62.1	8.4	28	<5	41.8	12.3	0.14	31	18	441	2.39	7.6	15.8	510	58.5	84.4	1.76	7.8	1.9	168	<0.1	10.6	0.5	2.5	70	1.2	17.5	168	0.3
C-272069	05DEN096_C	39.68223	-104.9968	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.21	4.71	0.77	1.61	3.29	0.27	0.8	0.03	0.18	<1	3	879	1.7	0.16	0.5	93.1	4.9	15	<5	12.8	13	0.05	46.6	10	340	2.09	23.9	7.6	610	39.8	139	0.62	4.9	2.3	202	<0.1	15.7	0.7	2.7	39	0.8	23.3	75	<0.2
C-272070	05DEN192_C	39.82704	-105.10995	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.11	5.78	1.68	3.22	1.9	0.88	0.82	0.06	0.24	1	11	598	1.9	1.42	1.2	66.5	8.9	33	6	71.4	15.5	0.2	33.2	20	604	2.77	9	21.9	520	73	89.4	2.31	9.7	2.5	214	0.2	10.3	0.6	3	75	1.7	18.3	243	0.2
C-272076	05DEN426_C	39.71197	-104.79089	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.44	1.98	3.14	2.29	0.47	0.83	0.03	0.28	<1	5	1000	1.9	0.19	0.5	94.9	11	32	<5	20.8	14.8	0.06	45.6	17	696	1.28	13.6	15.5	950	27.2	101	0.56	8.3	1.7	382	<0.1	15.1	0.6	3.5	99	0.9	22	77	0.3
C-272077	05DEN012_C	39.84154	-104.97807	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.22	1.55	2.12	2.4	0.49	1.08	0.08	0.19	<1	4	771	1.6	0.3	0.6	75.8	6.9	32	<5	27.3	13.6	0.09	39	15	426	1.47	11.9	13	1350	49.4	105	1.19	6.6	4.7	272	<0.1	12.6	0.6	2.7	54	1.4	18.9	150	0.2
C-272078	05DEN299_C	39.59567	-104.86388	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.03	2.6	3.72	2.24	0.66	0.59	0.04	0.33	<1	6	966	1.7	0.18	0.3	93.2	12.4	33	5	24.3	16.5	0.07	47	21	714	1.29	14.8	18.1	880	22.1	100	0.67	9.9	2.1	419	<0.1	15.4	0.6	4.9	117	1.2	23.3	88	0.3
C-272079	05DEN008_C	39.85595	-104.95863	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.6	0.74	1.42	2.79	0.24	1.12	0.05	0.12	<1	3	785	1.6	0.11	1.3	67.1	3.6	26	<5	17.9	12.4	0.04	33.8	8	264	1.47	10	10.3	630	192	120	0.79	3.5	2.8	201	<0.1	9.9	0.6	2.1	29	1.1	12.6	216	0.5
C-272080	05DEN448_C	39.60886	-104.81	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.91	0.76	1.83	2.73	0.33	1.34	0.06	0.15	<1	3	841	1.6	0.13	0.5	79.2	5.9	33	<5	19.7	12.9	0.05	38.5	11	340	1.44	9.1	10.6	500	61.7	114	1.11	4.5	2.1	211	<0.1	15.8	0.6	2.5	41	5.9	16.1	138	<0.2
C-272081	05DEN394_C	39.87044	-105.24134	8/25/2005	<2mm	0-5 in	WGS84	WGS84	0.04	4.53	0.59	2.2	1.42	0.33	0.66	0.05	0.17	<1	11	435	1.6	0.37	0.9	58.7	7.3	85	<5	13.8	11.8	0.06	30.2	20	452	2.33	6	28.6	550	63.9	77.4	0.86	6.3	1.6	104	0.1	13.1	0.5	2.5	58	1.8	13.5	66	0.4

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-272082	05DEN049_C	39.76949	-104.97775	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.04	4.34	0.87	1.77	2.64	0.22	1.12	0.04	0.13	<1	3	769	1.4	0.15	1.7	76.2	4.2	27	<5	33.4	11.8	0.1	38.2	8	343	3.78	16	11.5	510	89.9	111	1.47	3.5	5.2	169	<0.1	13.4	0.6	2	32	1.5	15.5	245	<0.2
C-272083	05DEN140_C	39.76844	-105.03458	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.05	4.8	1.22	2.23	2.35	0.35	1.25	0.07	0.15	<1	6	717	1.4	0.17	1.1	106	6.1	32	<5	23.4	12.9	0.1	51.3	9	429	1.8	7.8	11.8	870	183	108	1.76	5.5	10.6	233	<0.1	24.4	0.6	2.8	52	2.1	17.5	288	<0.2
C-272084	05DEN417_C	39.77267	-104.78938	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.27	0.46	1.41	2.66	0.2	0.96	0.01	0.13	<1	3	829	1.4	0.07	0.1	77.2	4.1	23	<5	7.4	10.4	0.03	39.2	8	270	0.79	8.1	8.7	400	23.5	110	0.26	3.2	1	192	<0.1	15.4	0.6	2	38	0.7	13.8	37	<0.2
C-272085	05DEN464_C	39.85661	-104.7728	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.11	0.65	2.62	2.24	0.46	0.9	0.03	0.23	<1	6	754	1.8	0.19	0.6	94.1	8.9	39	5	17.8	13.3	0.06	45	17	597	1.49	11.1	16.4	730	33.8	104	0.76	7.2	1.9	194	<0.1	15.9	0.6	3	73	1.8	23.1	80	0.3
C-272086	05DEN218_C	39.654	-105.05284	7/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.38	1.42	2.61	2.27	0.84	1.05	0.07	0.19	<1	4	647	1.8	0.3	0.6	78.3	7.4	39	6	27.5	15.2	0.08	37.2	21	460	1.23	9.9	15.2	1250	104	100	0.59	7.7	2	234	0.1	13.2	0.6	3.2	67	2.4	18.4	136	0.4
C-272088	05DEN100_C	39.68221	-104.92234	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.6	1.18	3.04	2.59	0.54	1.04	0.07	0.27	<1	5	815	2	0.21	1.3	104	10	35	5	27.4	15.6	0.09	50.8	15	632	2.09	15.9	14.8	1160	173	114	0.96	8.6	3	361	<0.1	17.7	0.6	3.2	77	2.3	26.8	148	<0.2
C-272089	05DEN418_C	39.76883	-104.77201	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.03	0.46	1.69	2.55	0.13	0.95	0.01	0.15	<1	2	827	1.2	0.06	0.1	84.1	4.4	78	<5	6.5	9.91	0.02	46.7	5	316	2.96	10	8.9	320	24.2	104	0.2	2.6	0.9	199	<0.1	14	0.6	1.9	50	0.6	16.1	31	<0.2
C-272090	05DEN085_C	39.71081	-104.82845	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.89	1.66	1.96	2.19	0.48	0.82	0.05	0.17	<1	5	685	1.5	0.14	0.3	69.8	6.1	32	<5	45.9	12.1	0.05	34.4	16	391	1.19	10.2	16.6	1740	24.2	98.3	0.5	5.6	1.3	229	<0.1	12.8	0.6	2.5	55	0.9	15.6	102	0.3
C-272091	05DEN287_C	39.5953	-104.94138	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.31	1.64	3.21	2.43	0.67	0.85	0.07	0.26	<1	4	689	1.8	0.17	1	78.6	9.5	37	6	25.6	16.2	0.07	38.6	19	605	1.71	12.6	15.6	1120	94.4	104	0.98	9.4	2.1	354	<0.1	12.5	0.6	2.9	83	1.7	21.7	133	<0.2
C-272092	05DEN087_C	39.6968	-104.84631	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.87	0.87	3.29	2.61	0.36	0.84	0.06	0.25	<1	5	1200	1.2	0.11	0.3	56.9	8.7	29	<5	18.5	12.9	0.05	28.5	11	517	1.58	9.5	12.5	1120	38.1	107	0.52	7.5	1.4	705	<0.1	9.4	0.6	2.5	102	1.5	15.5	103	0.2
C-272093	05DEN300_C	39.63877	-105.04471	8/1/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.26	2.48	3.36	2.28	0.61	0.94	0.03	0.26	<1	5	734	1.5	0.15	0.3	95.2	10.4	34	<5	19	14.1	0.06	47.1	17	585	1.68	18.7	15.8	840	28.5	95.4	0.64	8.5	1.6	293	<0.1	17.7	0.6	2.8	102	0.9	23.6	78	<0.2
C-272094	05DEN115_C	39.65182	-104.99525	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.15	5.66	0.9	2.63	2.89	0.47	0.98	0.04	0.25	<1	15	842	2.2	0.28	0.9	101	8	31	5	26.6	15.6	0.1	47.5	16	583	1.72	29.7	13.3	780	100	130	0.95	7.7	3.5	234	<0.1	17.2	0.7	3.5	59	1.6	27.1	146	0.3
C-272095	05DEN071_C	39.72561	-104.90443	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.13	5.65	1.29	2.27	2.88	0.52	0.92	0.05	0.2	<1	5	798	1.8	0.4	0.8	89	7.4	36	<5	24.6	14.7	0.07	43.7	18	453	1.44	15.2	23.4	970	49	126	0.63	7.1	2.9	229	<0.1	16.3	0.7	3	58	0.9	22.6	137	<0.2
C-272096	05DEN156_C	39.7984	-104.99677	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.91	1.52	2.69	2.1	0.55	0.83	0.08	0.21	<1	7	625	1.8	0.37	1.1	88.2	8.6	43	6	24	16.3	0.11	42.7	20	408	1.73	10	18.3	640	51.6	121	0.98	9.1	1.9	188	<0.1	19.8	0.8	3.5	89	1.2	20.2	133	<0.2
C-272097	05DEN286_C	39.59525	-104.92318	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.65	1.1	3.01	2.56	0.51	0.95	0.04	0.26	<1	4	820	2	0.15	0.4	88.2	9.6	34	5	19.6	15.5	0.07	43.8	18	591	1.1	19.7	15.2	800	49	117	0.69	8.1	1.9	259	<0.1	16.1	0.7	2.7	83	1.6	23.3	96	0.2
C-272098	05DEN319_C	39.653	-105.14773	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.02	1.78	3.16	2.24	0.65	1.73	0.03	0.18	<1	4	638	2.1	0.19	0.3	68.1	7.9	29	<5	21.3	17.1	0.08	33.9	20	528	1.2	8.1	13.6	560	25	90.8	0.63	8.3	2.2	179	<0.1	14.9	0.5	3.8	72	1.1	18.6	69	<0.2
C-272099	05DEN462_C	39.82726	-104.77207	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.93	3.12	7.25	1.92	2.25	1.94	0.04	0.59	<1	2	587	1.6	0.11	0.3	70.1	25.3	60	5	56.3	20.2	0.14	31	21	1330	0.83	10.5	34.3	1230	13.2	80.9	0.14	27.2	2.1	198	<0.1	8.6	0.5	2.4	168	0.8	35.4	131	<0.2
C-272100	05DEN065_C	39.7401	-104.8094	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.95	1.39	1.92	2.58	0.39	1	0.06	0.18	<1	3	769	1.5	0.11	0.3	70.8	6	25	<5	26.1	12	0.04	34.6	12	398	0.93	11.3	10.1	1460	25.9	105	0.37	5.4	1.2	260	<0.1	11.7	0.6	2.5	49	0.7	17	92	0.4
C-272101	05DEN148_C	39.85662	-105.05518	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.74	1.19	2.62	2.25	0.61	0.77	0.08	0.2	<1	6	606	1.9	0.26	1.3	73.4	8.1	46	7	29.4	14.5	0.07	36.1	21	396	1.96	9.3	18.7	1050	72.4	106	1.15	7.7	2.3	164	<0.1	13.8	0.7	3	72	3.5	17.7	303	0.3
C-272103	05DEN131_C	39.63864	-104.97844	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.53	0.98	2.44	3.08	0.49	1.21	0.05	0.22	<1	4	849	2	0.13	0.5	73.2	6.9	31	<5	19.4	14.6	0.07	35.5	14	479	1.17	16.1	12.4	650	97	125	0.54	7.3	2.5	216	<0.1	11.1	0.7	2.2	58	1.5	22	118	0.2
C-272104	05DEN210_C	39.72532	-105.03503	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.09	6.68	3.36	4.3	2.29	0.95	1.08	0.06	0.34	<1	35	946	1.5	0.32	0.8	79.2	14	33	3.17	31.9	16.8	0.08	41.1	19	853	1.26	14.6	18.3	1540	147	91.3	1.65	14.2	3.5	559	0.1	11.7	0.5	2.4	147	2.1	24.3	231	0.2
C-272105	05DEN067_C	39.72647	-104.8287	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.18	1.04	2.6	3.01	0.58	0.9	0.05	0.23	<1	4	916	2	0.21	0.5	101	7.8	29	3.78	20.2	15.2	0.05	45.7	20	520	1.36	15	19.5	1040	42.9	126	0.62	8.4	4	207	<0.1	15.9	0.7	3.3	73	1.2	23.8	321	0.2
C-272106	05DEN219R_C	39.6388	-105.0528	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.05	2.69	3.02	2.02	0.82	0.66	0.03	0.25	<1	6	685	1.8	0.25	0.3	70	10	33	4.47	22.4	14.3	0.06	35.5	25	518	1.37	11.7	20.4	890	22.2	89.6	0.77	10.6	2.4	301	<0.1	11.9	0.6	2.8	105	1	20.4	89	<0.2
C-272107	05DEN058_C	39.74144	-104.94048	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.08	6.32	2.44	3.08	3.12	0.7	1.35	0.07	0.22	1	12	1210	2.1	0.34	1.2	124	8.7	32	3.71	89.7	16.3	0.39	55.1	25	1470	2.74	16.4	17.7	970	463	145	5.88	8.8	5.8	266	0.1	20.2	0.8	3.4	75	3.1	25.6	1550	0.2
C-272108	05DEN212_C	39.73851	-105.0545	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	2.56	1.17	0.81	0.55	0.49	0.42	0.03	0.06	<1	<1	415	0.4	0.12	0.4	50.7	2.4	8	1.53	10.1	3.53	<0.02	25.8	6	173	0.5	2.9	4.5	290	83	38.1	0.35	6.4	1	200	<0.1	10.4	0.1	0.8	20	0.6	11.5	57	0.2
C-272109	05DEN098_C	39.68211	-104.9596	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.04	7.26	1.31	2.81	4.07	0.59	1.37	0.06	0.26	<1	5	1210	2.4	0.32	1.1	154	9.1	32	3.85	27.1	18.9	0.09	66	19	616	2.59	34.2	16.1	1580	197	189	1.16	10.2	3.8	320	<0.1	24.5	0.8	4.6	81	2.4	31.9	196	0.2
C-272110	05DEN260_C	39.6292	-105.05344	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.63	1.36	2.81	2.35	0.71	0.57	0.06	0.22	<1	6	711	1.8	0.29	0.7	67.3	9.7	30	4.32	29	13.5	0.06	35	22	542	1.54	9.7	17.9	1400	45.9	101	0.76	10.2	2.2	225	0.1	11.5	0.6	2.6	98	1	18.1	139	0.3
C-272111	05DEN258R_C	39.60962	-105.03506	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.18	0.89	2.4	2.38	0.52	0.74	0.04	0.23	<1	4	771	1.9	0.27	0.6	111	8.3	28	3.5	18.1	12.6	0.06	48.8	17	586	1.89	14.8	15	970	72.2	98.9	0.71	8.3	2.8	241	0.1	14.7	0.6	3.9	72	1.4	26.6	107	0.3
C-272112	05DEN326_C	39.78468	-105.12897	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.44	5.69	1.42	3.27	2.32	0.68	1.29	0.09	0.23	3	17	654	2.6	4.26	3	121	9.5	38	4.3	161	14.7	0.42	55.4	18	827	3.69	9.3	18.1	1210	218	106	7.49	10.6	3.8	212	0.2	24.2	0.7	4	78	4	22.7	584	0.3
C-272113	05DEN325_C	39.769	-105.12995	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.17	6.78	1.42	3.55	3.1	0.72	1.49	0.06	0.23	1	145	955	2	14.9	3.5	125	10.5	39	4.22	90.2	16.4	0.25	54.6	17	799	2.45	9.7	16.6	1090	235	124	14.5	10.9	5.9	302	2.9	20.9	0.8	3.7	94	2.5	22.3	341	<0.2
C-272114	05DEN323_C	39.72558	-105.18373	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.02	9.78	2.19	5.52	3.05	0.98	1.09	0.04	0.46	<1	3	826	2.3	0.33	0.2	109	18.1	26	6.95	42.9	24.7	0.11	49.5	19	820	0.94	19	18	2010	50.6	181	0.56	21.9	3	490	0.1	11.8	0.9	3.1	177	2.5	35.3	150	<0.2
C-272115	05DEN216_C	39.68262	-105.05103	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.9	2.15	3.82	2.59	0.83	1.09	0.06	0.31	<1	3	863	1.5	0.25	0.6	68.5	11.8	29	2.13	44.6	13.5	0.07	34.2	12	715	1.55	10.9	14.5	1540	164	90	1.33	13.6	3.4	600	<0.1	11.6	0.5	2.5	128	1.2	21	227	<0.2
C-272116	05DEN388_C	39.8535	-105.18372	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.9	7.04	2.63	1.51	0.74	0.51	0.05	0.2	<1	8	704	1.7	0.26	0.5	54.3	11.9	36	4.01	39.4	11.7	0.22	25.7	25	590	1.84	9.3	22.2	470	105	75	1.49	8.5	3	209	0.1	9.2	0.6	2.1	90	1.6	15.1	343	0.3
C-272117	05DEN288_C	39.58137	-104.94142	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.97	2.81	3.08	2.41	0.65	0.62	0.03	0.28	<1	6	791	2.1	0.22	0.3	83.3	10.8	30	4.23	23.9	15.1	0.05	38.9	23	573	1.2	14.3	19.4	850	38.1	106	0.62	9.9	2.3	285	<0.1	13.5	0.6	3.4	106	1.2	21.1	93	0.2
C-272118	05DEN468_C	39.87108	-104.80978	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.6	0.77	2.11	5.02	0.32	1.66	0.01	0.2	<1	4	1520	2	0.13	0.1	134	5.6	13	3.05	9.8	16.7	0.03	58.5	13	423	0.67	15.3	10.5	660	42.9	212	0.35	5.8	1.6	303	<0.1	24.9	1	3.3	64	0.8	21.2	54	<0.2
C-272119	05DEN312_C	39.71122	-105.12841	7/22/2005	<2mm	0-5 in	WGS84	WGS84	0.05	7.21	1.6	4.03	2.37	0.82	0.79	0.05	0.32	1	6	850	2.1	0.31	0.7	102	13.9	27	4.37	38.4	18.5	0.08	46.4	20	768	1.32	14.5	16.2	1330	71.2	103	1.64	15.5	2.6	421	0.1	13.9	0.6	2.5	127	1.5	25.3	133	0.2
C-272120	05DEN272_C	39.59563	-104.99764	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.21	1.89	2.48	2.6	0.54	1.01	0.08	0.21	<1	4	860	1.7	0.34	0.5	72.1	8.6	38	2.42	22	13	0.05	34.8	13	557	1.07	13	11.9	1120	205	102	0.76	8.7	2	375	0.1	10.5	0.5	2.5	78	1.3	20.1	105	0.3
C-272121	05DEN392_C	39.81247	-105.24055	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	9.88	4.96	7.11	4.52	2.8	2.84	0.06	0.49	<1	3	1210	3.6	0.34	0.3	112	25.9	146	6.96	69.1	24	0.08	48.8	28	1480	2.22	25.9	61.8	2670	33.6	160	0.49	23.5	3	827	<0.1	16.4	0.6	4.1	220	1.9	29.3	138	<0.2
C-272124	05DEN047_C	39.76928	-104.94067	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.07	0.84	1.73	2.98	0.32	1.37	0.07	0.14	<1	3	841	1.7	0.23	1	92.1	4.5	30	1.82	24.2	12.9	0.04	41	11	319	2.32	9.6	10.5	930	87.4	112	1.05	5.3	3.6	179	<0.1	16.2	0.6	2.9	39	2.8	17.5	188	0.2
C-272125	05DEN243_C	39.63858	-105.09129	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.19	1.95	2.69	2.68	0.88	0.83	0.04	0.21	<1	6	634	2	0.44	0.3	63.2	8	32	4.67	25.4	14.5	0.06	32.2	24	419	1.41	9	17.7	500	25.9	105	0.62	9.5	2.5	202	0.3	11.7	0.6	2.6	72	1.2	16.9	78	0.5
C-272131	05DEN118_C	39.6529	-104.93842	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.21	1.38	2.75	2.67	0.47	1.13	0.05	0.23	<1	4	879	1.9	0.19	0.5	98.3	8.2	19	2.51	20	14.9	0.06	41.6	14	539	1.19	15.3	13.9	790	272	100	0.6	7.7	4	299	<0.1	13.7	0.5	2.7	82	2.4	21.3	162	<0.2
C-272132	05DEN151_C	39.8271	-105.05381	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.72	0.79	1.84	2.83	0.45	0.94	0.04	0.17	<1	2	844	1.9	0.21	0.4	91.7	5.3	18	3.4	168	13.9	0.04	40.6	16	187	1.04	10.1	13	690	70.6	125	0.55	7.5	2.3	216	<0.1	14.3	0.6	3.8	60	1.2	22.3	89	<0.2
C-272133	05DEN218R_C	39.65408	-105.05371	7/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.78	1.99	3.34	2.44	0.76	0.91	0.05	0.27	<1	4	844	1.6	0.22	0.4	95.4	11.2	22	3.29	23.3	15.2	0.06	42.9	18	634	1.09	13.3	16	1210	29.4	99	0.59	11.6	2.5	396	<0.1	14.5	0.5	3	107	1.2	24.1	103	0.4
C-272135	05DEN168R_C	39.75208	-105.05302	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.48	5.82	1.53	2.92	2.97	0.47	1.23	0.06	0.21	2	7	987	2	0.65	2.2	142	8.4	34	2.73	64.8	14.9	0.18	61.3	14	707	1.74	16.2	18.6	1340	224	120	3.5	7.6	13.5	271	<0.1	26.1	0.6	4.3	65	2	26.1	594	0.3
C-272136	05DEN075R_C	39.72533	-104.97763	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5	0.83	1.68	2.93	0.3	0.98	0.06	0.15	<1	3	884	1.6	0.32	1.2	71.6	4.5	19	1.86	31.7	10.1	0.07	27.8	11	427	2.39	12.1	11	880	279	114	1.37	4.3	3.1	185	<0.1	10.3	0.6	2.4	41	1.8	14.4	361	0.2
C-272137	05DEN434_C	39.68084	-104.77266	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.52	1.4	4.46	2.57	0.63	1.08	0.05	0.33	<1	2	1090	2.1	0.19	0.3	95.1	11.6	29	4.04	27.4	18	0.05	42	23	634	1.38	15.8	20.2	1540	27.3	104	0.52	11.3	3.2	382	<0.1	14.1	0.5	4.9	131	1.5	26.8	121	<0.2

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-272138	05DEN106_C	39.66765	-104.84747	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.86	0.44	0.93	3.65	0.19	0.88	0.03	0.11	<1	2	947	1.4	0.1	0.2	50.1	3.8	12	1.78	8.6	11.6	0.02	25.8	8	200	0.88	12.7	9.4	480	58.1	155	0.32	3.5	1.5	154	<0.1	8.9	0.5	2.2	25	0.7	13.1	55	<0.2
C-272139	05DEN264_C	39.61015	-105.0164	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.5	1.7	2.39	3.5	0.58	0.92	0.04	0.25	<1	4	1020	2.3	0.2	0.3	127	7.9	24	4.06	17.7	16.8	0.07	57.2	24	499	1.68	26.7	19.3	870	33.6	170	0.53	9	3.2	210	<0.1	19	0.7	3.2	62	1.2	34	95	<0.2
C-272140	05DEN165_C	39.82793	-105.01554	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.06	6.28	1.44	2.58	3.06	0.52	1.61	0.07	0.2	<1	5	901	1.8	0.36	0.9	124	7.1	34	2.5	32.9	14.6	0.07	52.4	14	434	1.5	10.6	21.1	1070	191	121	1.35	6.8	3.2	280	<0.1	24.6	0.7	2.9	65	1.6	20.9	237	<0.2
C-272141	05DEN334_C	39.81353	-105.14866	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.33	2.36	2.79	1.86	0.83	0.66	0.04	0.24	<1	6	894	1.6	0.23	0.4	64.5	9.6	27	3.33	18.6	12.8	0.04	32.7	17	404	1.46	8.7	16.3	960	26.6	80.4	0.66	9.7	2	248	<0.1	10	0.5	2.1	84	1.5	18.7	120	<0.2
C-272142	05DEN042_C	39.7837	-104.9219	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.94	1.73	1.69	3.13	0.34	0.91	0.01	0.16	<1	4	947	1.4	0.15	0.4	71.7	5.7	13	2.18	15.1	11.6	0.03	36	11	316	1.2	12.1	11.3	570	50.5	117	0.48	5	6	239	<0.1	12.7	0.6	2.3	50	0.7	17.5	69	0.2
C-272143	05DEN056R_C	39.73948	-104.97775	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.29	0.95	1.66	3.13	0.33	1.19	0.05	0.16	<1	2	854	1.8	0.22	0.6	103	5.7	28	2.34	19.2	13.2	0.05	46.5	11	357	1.43	15.3	12.4	770	123	142	0.76	5.6	3.5	189	<0.1	18.9	0.6	3.3	44	3.1	20.8	146	0.2
C-272144	05DEN159_C	39.84164	-104.99738	8/1/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.86	2	3.1	2.28	0.69	1.09	0.07	0.26	<1	3	849	1.5	0.27	0.4	74.5	9.5	18	1.97	19.2	17.1	0.06	38.7	9	571	1.08	14.6	12.7	1670	31.3	90.7	0.43	11.4	2.3	390	<0.1	8.8	0.5	2.1	80	1.1	21.8	103	<0.2
C-272145	05DEN032_C	39.81249	-104.90348	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.19	0.64	1.39	3.39	0.25	1.23	0.03	0.13	8	3	866	1.6	0.58	0.5	102	4.9	18	1.85	32.1	11.9	0.03	48.5	9	308	0.91	10.1	14.6	530	78.8	146	0.46	4.3	2.7	179	<0.1	17.6	0.6	2.5	34	0.9	16.7	168	<0.2
C-272146	05DEN030_C	39.79818	-104.93958	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.78	0.86	1.74	2.73	0.38	1.16	0.1	0.14	<1	3	825	1.5	0.29	0.5	92.7	5.6	17	2.19	23	12.4	0.05	42.8	11	366	1.64	10.2	12	540	46.6	108	0.89	5.5	2.8	183	<0.1	15.2	0.5	2.9	43	1.3	16.7	105	<0.2
C-272147	05DEN056_C	39.7396	-104.97758	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.31	5.48	0.92	1.88	3.4	0.35	1.03	0.06	0.18	2	7	1050	1.8	0.75	2.9	102	7	30	2.55	50.4	13	0.14	46.2	13	643	2.55	14	20.2	1370	400	133	3.02	6	8.7	216	0.2	17.1	0.7	3.1	45	1.6	20.6	570	0.5
C-272148	05DEN155_C	39.78375	-104.99854	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.8	1.58	3.09	2.18	0.75	1.04	0.05	0.23	<1	6	725	2.1	0.35	0.5	99.9	10.2	38	4.96	28.3	16	0.15	68.3	19	563	4.1	15	21.9	770	67.3	100	1.25	9.7	3.6	278	<0.1	13.3	0.6	3.1	93	2.1	24.1	189	<0.2
C-272149	05DEN351_C	39.7978	-105.24051	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.07	1.16	3.45	1.61	0.64	1.09	0.04	0.2	<1	8	506	2.2	0.41	0.2	59.5	11.5	67	5.72	32.1	13.1	0.05	28.6	42	943	2.08	10.1	35.3	610	20.6	75.4	0.57	8.7	2.3	207	<0.1	10.3	0.4	2.6	82	1.7	17	63	0.3
C-272150	05DEN053_C	39.75449	-104.9221	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.88	1.14	2.46	2.85	0.59	1	0.09	0.23	<1	6	813	1.8	0.3	1.1	144	8.8	35	4.19	25.8	14.6	0.07	62.4	19	596	2.54	13.8	17.6	1580	85.5	121	1	8.5	2.4	216	0.1	26.2	0.8	4.1	70	1.4	27.3	133	0.3
C-272151	05DEN234_C	39.69648	-105.09199	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.09	6.54	2.23	5.58	2.53	0.94	0.98	0.06	0.43	<1	6	869	1.9	0.99	2.7	107	17.9	38	3.24	82	17	0.17	47.4	16	1330	3.92	13.8	19.4	1950	175	97.6	2.22	16.2	4	591	0.2	14.2	0.5	4.4	189	2.1	24	518	0.3
C-272152	05DEN315_C	39.65313	-105.12984	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	9.31	2.91	5.02	3.05	1.57	0.89	0.03	0.4	<1	6	1240	2.6	0.28	0.3	133	17.8	48	5.76	24.5	22.8	0.08	59.4	29	1040	1.09	19.5	30.9	1560	25.7	127	0.76	18.2	2.5	1040	0.1	18.3	0.7	3.7	162	1.3	34.7	118	<0.2
C-272153	05DEN176_C	39.85638	-105.07382	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.04	4.48	0.82	1.94	1.87	0.41	0.84	0.05	0.18	<1	7	578	1.4	0.48	0.7	71.9	6.9	26	3.14	29.7	11	0.06	35.1	16	358	1.46	8.1	13.3	590	64.8	85.3	1.49	6.5	1.8	151	<0.1	13.6	0.4	2.3	62	1.7	16	110	<0.2
C-272154	05DEN449_C	39.61047	-104.7913	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.39	0.82	1.75	3.01	0.34	0.86	0.04	0.17	<1	3	995	1.6	0.14	0.2	72.7	5.8	12	2.94	13	12.4	0.04	36.4	12	387	0.56	10	9.5	520	24.1	111	0.29	5.7	1.3	233	<0.1	13.8	0.4	3	55	0.8	17.6	53	0.3
C-272155	05DEN137_C	39.76888	-104.99559	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.14	5.64	1.22	2.43	2.7	0.51	1.09	0.07	0.19	<1	10	776	1.7	0.96	3.1	131	6.8	28	3.17	47.8	14	0.14	57.3	15	459	1.25	12.5	13.1	1930	118	117	1.97	7.3	5.8	209	0.2	28.9	0.7	4.5	62	1.7	22	229	0.3
C-272156	05DEN203_C	39.63863	-105.02236	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.55	1.88	2.91	2.34	0.73	1.16	0.05	0.23	<1	4	810	1.8	0.35	0.6	75.1	8.8	27	2.66	25.8	13.4	0.05	30.3	18	604	1.25	11.6	16.5	870	55.2	109	0.9	9.4	2.7	377	<0.1	10.4	0.6	2.1	85	1.2	17.6	155	0.2
C-272157	05DEN457_C	39.78385	-104.78977	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.88	0.56	1.25	3.15	0.18	1.16		0.13	<1	2	980	1.5	0.09	0.1	65.9	3.1	11	1.6	6.3	10.2	0.02	33.3	7	264	0.42	10.1	5.9	380	25.5	115	0.25	3.2	0.9	199	<0.1	13.5	0.3	1.7	39	0.6	12.7	43	<0.2
C-272158	05DEN444_C	39.62157	-104.82311	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.58	0.78	1.02	3.35	0.23	0.82	0.03	0.12	<1	6	885	1.4	0.11	0.3	63.3	3.6	11	1.99	45.4	11.5	0.02	32.1	8	307	0.91	12.2	7.1	2720	37.2	138	0.37	3.8	1.1	163	<0.1	11.2	0.4	2.2	30	0.7	16	99	0.2
C-272159	05DEN070_C	39.72476	-104.88522	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.11	2.29	2.53	2.94	0.67	0.95	0.05	0.24	<1	5	912	2	0.21	0.3	123	8.6	27	3.69	16.7	15.3	0.05	53.6	21	451	1.1	14.4	16.8	770	28.5	122	0.53	8.5	1.9	279	<0.1	21.1	0.5	3.4	81	1.1	24.3	71	<0.2
C-272160	05DEN023_C	39.85636	-104.90381	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.98	2.25	2.36	2.89	0.61	1.19	0.07	0.22	<1	4	880	2	0.31	0.7	100	7.5	30	3.67	26.4	14.6	0.06	48.3	19	495	2.11	15.9	15.3	1000	55.5	116	0.89	8.1	2.7	241	<0.1	16.2	0.4	3.1	68	2.4	22.4	290	0.3
C-272162	05DEN127_C	39.63874	-104.90368	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.49	0.78	1.79	3.92	0.35	1.19	0.06	0.19	<1	3	1110	2.1	0.18	0.4	75.4	5.8	18	3.21	16.5	15.5	0.04	38.7	13	390	1.98	13.1	9.9	980	46.7	168	0.67	6.3	4	221	<0.1	13.1	0.7	3.9	53	1.3	18.1	92	<0.2
C-272163	05DEN375_C	39.6663	-105.14006	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.94	1.3	2.94	2.55	0.77	1.06	0.06	0.23	<1	3	799	1.8	0.19	0.4	59.3	10.8	30	3.12	24.6	14.6	0.05	30.1	18	566	1.02	10.5	12.7	980	87.5	99	0.67	10.4	2	269	<0.1	10.1	0.4	2.2	89	6.2	18.7	102	0.3
C-272165	05DEN207_C	39.68235	-105.03449	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.19	2.65	4.84	2.51	0.96	0.86	0.06	0.39	<1	5	848	1.5	0.21	0.5	92.6	15.6	27	2.86	30.9	14.8	0.07	41.6	17	872	1.13	12.6	16.5	1600	73.1	91.2	1.09	15.1	1.9	560	<0.1	12	0.3	2.2	173	1.2	22.5	132	0.3
C-272166	05DEN365_C	39.76968	-105.20254	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.03	7.9	3.01	5.33	2.15	1.38	1.41	0.03	0.44	<1	5	921	1.9	0.57	0.5	88.3	17	30	3.06	41.2	18.7	0.1	42	17	1050	0.96	17.1	17.2	1770	52.8	79.3	1.05	18.6	1.9	628	<0.1	10.5	0.3	2	161	1.5	26.7	148	<0.2
C-272167	05DEN279_C	39.62413	-104.95864	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.98	1.21	2.03	2.91	0.42	1.29	0.04	0.17	<1	3	868	1.6	0.16	0.3	73.4	6.7	22	2.01	19.5	12.2	0.03	35.5	11	425	1.34	10	10.1	720	47.3	109	0.67	5.3	2.2	231	<0.1	13.8	0.4	2	54	5.9	17.8	105	<0.2
C-272168	05DEN187_C	39.7549	-105.10931	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.15	1.75	3.11	2.39	0.67	1.01	0.06	0.26	<1	6	787	1.7	0.43	0.5	100	9.4	27	3.63	29.1	14.6	0.07	46.3	15	544	1.28	12.6	15.9	960	118	96.2	1.24	9.8	2.2	335	<0.1	16.1	0.4	2.3	98	2.2	20	145	0.3
C-272169	05DEN250_C	39.60949	-105.09171	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.38	1.37	2.31	2.39	0.67	1.12	0.05	0.17	<1	5	741	2	0.31	0.4	68.6	6.6	20	3.7	25	14.4	0.07	34	18	480	1.19	10.3	15.5	540	39.9	95.9	0.87	7.6	2.2	175	<0.1	12.7	0.3	2.5	71	2.3	18.5	102	0.3
C-272170	05DEN297_C	39.59597	-104.83073	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.41	2.61	3.6	2.54	0.78	0.73	0.03	0.32	<1	6	920	1.9	0.21	0.3	112	12.2	24	4.53	28	16.3	0.06	49.8	24	686	0.95	14.3	18.9	980	25.4	104	0.63	10.7	2	401	<0.1	19.1	0.3	3.5	125	1.5	24.7	92	<0.2
C-272171	05DEN080_C	39.71226	-104.94003	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.79	5.28	1.28	2.13	2.73	0.5	0.81	0.1	0.19	4	6	815	2	1.34	4	79.4	6.8	30	3.66	61.4	14.2	0.11	39.7	18	339	3.37	13.8	15.4	2420	300	114	1.61	7.4	13.7	220	0.1	14.1	0.5	4.8	54	2.8	20.6	311	0.7
C-272173	05DEN310_C	39.73906	-105.12869	7/22/2005	<2mm	0-5 in	WGS84	WGS84	0.03	7.86	3.09	5.22	2.29	1.21	1.24	0.07	0.4	<1	5	981	1.7	0.26	0.6	99.7	15.1	39	2.71	28.3	18.1	0.08	47.8	17	997	1.11	16.4	20.7	1950	50	79.1	0.74	16.8	2.2	696	0.1	13.1	0.4	2.3	161	1.1	27.2	142	0.3
C-272174	05DEN338_C	39.7256	-105.14724	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	7.34	2.5	4.43	2.94	0.87	1.36	0.08	0.32	<1	3	1080	1.9	0.28	0.5	77.8	13	19	3	36.8	18.4	0.09	39.6	17	818	1.46	14	14.2	1210	191	108	0.68	13.8	5.3	465	<0.1	12.5	0.5	2.1	122	5.2	23.1	135	<0.2
C-272175	05DEN386_C	39.8705	-105.16515	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.48	0.88	2.31	2.52	0.47	1.23	0.06	0.16	<1	4	689	1.7	0.21	0.4	65.6	6.6	25	3.13	20.8	13.1	0.04	31.9	16	409	3.88	8.3	14.4	660	51	100	0.8	6.7	1.7	167	<0.1	14	0.5	2.1	65	1.9	16.2	122	0.4
C-272176	05DEN458_C	39.79861	-104.79105	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.11	0.85	1.58	2.88	0.3	1.02	0.01	0.14	<1	3	944	1.7	0.15	0.2	78.8	5.3	10	2.5	10.4	12.3	0.03	30	10	321	0.54	10.1	9.1	520	26.7	138	0.31	5.2	1.4	224	<0.1	10.9	0.8	2.1	47	0.7	14.7	61	<0.2
C-272177	05DEN132_C	39.63863	-104.99657	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.84	1.2	2.35	3.58	0.47	1.17	0.04	0.23	<1	5	988	2.2	0.2	0.5	113	6.7	27	2.93	40.8	14.6	0.07	50.6	14	495	1.26	21.2	12.9	1670	65.1	149	0.59	7.5	5.3	234	<0.1	17.9	0.6	3	66	1.8	28.1	176	<0.2
C-272178	05DEN226_C	39.72537	-105.06999	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.84	3.74	3.83	2.5	0.84	0.78	0.05	0.31	<1	4	781	1.6	0.27	0.6	95.8	13	26	4.1	28.5	16.4	0.07	43.7	19	687	1.39	13.1	18	1710	105	105	0.7	13.2	2.3	380	<0.1	13.2	0.5	2.7	124	2	23.6	127	0.2
C-272179	05DEN031_C	39.82798	-104.90324	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.51	0.83	1.76	3.4	0.39	1.4	0.03	0.18	<1	2	933	1.7	0.14	0.4	75.9	5.5	13	2.59	17.8	13.8	0.04	36.6	11	371	1.03	13.9	10	530	88.1	136	0.6	5.4	2.4	194	<0.1	13.3	0.3	2.3	42	1.2	19.5	132	<0.2
C-272185	05DEN058R_C	39.74144	-104.94029	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.09	5.07	1.94	1.99	2.51	0.51	1.02	0.1	0.18	<1	4	711	1.6	0.3	1.3	82.7	5.8	26	2.77	34.9	11.8	0.06	35.6	15	399	1.61	10.3	14.9	950	293	94.3	1.42	5.3	3.2	242	<0.1	16.7	0.5	2.8	50	2.3	17	286	0.2
C-272186	05DEN471_C	39.76915	-104.86556	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.4	0.64	1.78	2.88	0.18	1.06	0.04	0.13	<1	16	847	1.4	0.29	1.7	62	10.5	20	1.66	45.7	10.6	1.38	29	12	440	3.15	8.6	15	390	232	100	5.32	2.9	17.6	193	<0.1	12.9	0.5	2.3	35	1.2	12.9	998	1.4
C-272187	05DEN142_C	39.7992	-105.03461	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.57	1.36	2.54	2.39	0.59	1.29	0.1	0.19	<1	30	647	1.9	0.45	1.1	99.8	7.3	43	3.88	109	13.9	0.17	41	21	404	2.85	8.9	21.3	700	148	102	4.5	7.1	3.4	216	<0.1	21.8	0.6	3.7	63	5	17.7	594	0.5
C-272188	05DEN436_C	39.66744	-104.79297	8/26/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.78	0.42	1.03	3.72	0.16	0.86	0.02	0.11	<1	2	926	1.6	0.09	0.2	46.9	3.3	11	1.82	9.7	11.3	0.03	22.8	7	330	0.58	9.5	5.9	360	38.5	149	0.32	2.8	0.9	167	<0.1	8.7	0.6	1.5	28	0.6	10.8	41	<0.2
C-272189	05DEN305_C	39.80577	-104.97815	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.5	1.78	2.21	2.75	0.42	1.27	0.05	0.17	<1	14	805	1.6	0.44	10.4	106	6.3	31	2.57	75.1	13.3	0.32	42.8	15	532	3	8.4	20	690	261	111	2.29	5.3	4.3	212	0.2	24.4	0.7	3.2	49	3.6	16	442	0.2
C-272190	05DEN059_C	39.73975	-104.92217	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.08	5.27	1.66	2.58	2.49	0.56	0.99	0.11	0.2	<1	7	860	1.8	0.32	4	77.5	7.5	43	3.24	80.5	13	0.12	36.4	17	480	3.97	10.3	24.8	1270	515	98.7	3.07	6.5	19.3	226	0.1	16.4	0.6	2.9	56	1.9	17.6	430	0.3
C-272191	05DEN209_C	39.71131	-105.03504	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.26	2.24	3.53	2.8	0.62	1.17	0.04	0.3	<1	4	932	1.7	0.17	0.5	101	10.3	22	2.44	24.8	15.4	0.05	43.3	15	671	1.01	12.5	12.9	1210	73	97.6	0.55	10.1	2	620	<0.1	14.5	0.5	3.1	103	1.2	22.7	122	<0.2

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-272192	05DEN082_C	39.71054	-104.90345	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.04	0.49	1.26	3.45	0.25	0.86	0.04	0.14	<1	9	860	1.9	0.15	0.4	63.2	4.3	15	2.33	17.1	12	0.03	29.8	11	281	1.05	11.4	9.1	470	55.5	144	0.58	4.2	1.7	162	<0.1	25.3	0.7	3.6	33	0.8	17.8	71	<0.2
C-272194	05DEN081_C	39.71086	-104.92241	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.66	0.45	1.16	3.21	0.2	0.92	0.03	0.12	<1	5	806	1.4	0.14	0.3	56.3	4	18	1.94	16.7	10.8	0.03	26.2	9	242	1.4	9.4	14.4	390	67.4	117	0.67	3.5	1.4	150	<0.1	10.5	0.6	2.5	28	1.2	12.8	88	<0.2
C-272195	05DEN200_C	39.68249	-105.01586	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.73	1.22	2.16	3.4	0.39	1.04	0.04	0.23	<1	5	882	1.9	0.24	0.4	94.6	6.1	21	2.71	23.5	14.3	0.07	40.3	15	466	1.41	20.6	12.4	700	61.9	148	0.68	6.5	3	244	<0.1	17	0.7	3	52	1	22.1	124	<0.2
C-272196	05DEN020_C	39.82789	-104.95943	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.66	0.78	1.62	1.8	0.42	0.65	0.06	0.16	<1	4	600	1.4	0.37	0.4	93.9	5.6	24	3.31	17.6	9.93	0.04	39.1	15	314	1.97	7.2	12.3	720	31.2	80.5	0.61	6.2	1.4	185	<0.1	18.2	0.5	3.3	47	1.1	17.3	80	0.3
C-272197	05DEN382_C	39.76962	-105.14369	7/27/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.46	2.11	3.92	2.56	0.86	1.41	0.03	0.31	<1	4	791	1.9	0.22	0.4	99.7	11	28	3.51	30.2	17.6	0.07	41.7	19	696	1.5	13.5	16.6	950	28.6	93.5	0.43	11.9	2	463	<0.1	13.1	0.5	2.4	99	1.2	21.8	112	0.2
C-272198	05DEN425_C	39.72591	-104.77229	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.49	1.09	1.94	2.79	0.41	1.34	0.07	0.15	<1	3	752	1.8	0.23	0.3	63.8	5.2	20	2.46	18.9	13.3	0.05	29.2	14	357	0.84	9.3	11.4	480	33.7	108	0.5	5.4	2	199	<0.1	13.4	0.6	2.3	48	1	15.7	77	<0.2
C-272199	05DEN026_C	39.84191	-104.92204	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.25	4.97	0.47	1.58	3.24	0.22	0.96	0.01	0.22	<1	2	808	1.8	0.74	0.6	132	3.4	15	2.27	18.3	12.5	0.07	53	10	282	0.46	21.6	7	540	73	122	0.61	4.9	6.2	152	<0.1	22.1	0.5	5.3	38	0.7	28.6	109	<0.2
C-272201	05DEN206_C	39.66777	-105.0347	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5.84	1.21	3.46	2.81	0.52	1.19	0.07	0.3	<1	12	793	1.6	0.53	1.1	84.6	10.3	32	2.45	36.3	14	0.07	35.8	14	563	2.61	12	15.6	1130	378	95.6	1.43	8.8	2.5	376	0.1	13.9	0.5	3	104	2.3	18.1	180	<0.2
C-272202	05DEN353_C	39.81109	-105.22181	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.72	2.21	3.87	2.21	1.17	0.93	0.04	0.32	<1	8	619	2.8	0.42	0.4	57.4	12.8	132	5.84	26	16.6	0.06	27.8	28	539	1.22	10.3	39.4	800	34.8	96.8	0.9	12.7	3.9	262	0.1	11.6	0.6	2.5	146	1.7	17.5	100	0.3
C-272203	05DEN179_C	39.85643	-105.09105	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.74	1.96	2.42	2.09	0.57	0.92	0.03	0.22	<1	6	611	1.6	0.4	0.4	95.3	7.7	29	4.04	26.1	14	0.06	39	22	356	1.26	9.1	17.5	500	48.4	98.2	0.87	7.8	1.7	200	<0.1	18.8	0.6	3.3	71	1.1	19	111	<0.2
C-272204	05DEN074_C	39.72544	-104.96034	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.09	5.61	1.39	2.03	3.31	0.41	1.04	0.06	0.18	<1	6	926	1.7	0.28	1	90.9	5.8	23	2.95	48.2	13.3	0.13	37.9	14	617	1.53	11.8	13.3	900	266	120	2.69	5.7	4.5	245	<0.1	16	0.6	2.8	47	2.5	21.5	631	0.3
C-272205	05DEN406_C	39.79157	-104.9782	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.31	5.26	1.06	2.08	2.93	0.35	1.46	0.05	0.16	14	15	932	1.6	2.06	18.9	65.5	5.1	28	1.68	50.1	12.3	0.6	31.2	11	418	2.88	13.3	17.7	520	184	101	3.24	4.4	3.9	209	0.6	13.5	1.7	2.4	39	1.8	15.9	278	0.4
C-272206	05DEN003_C	39.87065	-104.90458	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.89	2.03	1.91	3.38	0.41	1.1	0.02	0.2	<1	3	890	1.8	0.17	0.3	107	5.8	18	3.01	16.2	13.9	0.05	44.7	16	371	0.86	15.8	12.6	600	33.3	141	0.37	6	1.7	247	<0.1	17.5	0.6	3.4	48	0.8	23.3	62	<0.2
C-272207	05DEN314_C	39.68182	-105.12945	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.55	7.15	2.49	3.89	2.21	0.79	1.35	0.05	0.31	<1	3	727	1.6	0.3	0.7	65.1	10.3	21	2.68	31.5	17.1	0.07	31.3	16	698	1.02	12.8	13.1	1030	50.3	79.8	0.94	11.4	1.9	566	<0.1	11.3	0.4	2.5	94	1.2	20.7	116	0.2
C-272208	05DEN345_C	39.7254	-105.20503	7/27/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.54	1.87	2.68	1.86	0.5	0.95	0.03	0.2	<1	6	578	1.7	0.27	0.3	56.8	7.6	27	3.66	18	14.1	0.06	28	22	398	0.82	9	16	360	28.9	76.2	0.6	7.8	1.8	128	<0.1	12.1	0.5	2.1	74	0.8	19.6	68	0.2
C-272209	05DEN136_C	39.75483	-105.0154	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.75	1.38	2.81	2.6	0.51	1.28	0.06	0.22	<1	6	735	1.7	0.23	0.6	111	22.7	34	2.61	32.3	13.9	0.15	45.2	13	496	1.46	8.7	20.5	770	151	98.2	1.34	7.1	2.9	283	<0.1	23.3	0.5	3	68	1.8	17.7	340	<0.2
C-272210	05DEN072_C	39.72524	-104.9231	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.12	5.08	0.87	2.13	2.85	0.36	1.18	0.06	0.18	<1	4	787	1.5	0.33	0.9	101	6.2	23	2.18	28.7	12.4	0.05	42.1	12	409	1.62	11.4	16.7	770	219	104	0.97	5.6	3	217	<0.1	18.2	0.5	4.4	55	2.2	17.6	147	0.2
C-272211	05DEN204R_C	39.63894	-105.03502	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.95	3.02	3.14	2.45	0.66	0.9	0.05	0.24	<1	5	706	1.8	0.32	10.2	78.3	9.2	33	3.7	25.3	14	0.06	34.3	22	491	1.19	9.8	18.4	970	896	92.5	0.72	8.5	2.2	313	<0.1	14.7	0.6	2.6	88	1.6	18.3	1560	0.3
C-272212	05DEN024_C	39.85629	-104.88463	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.41	1	1.8	3.15	0.32	1.08	0.02	0.17	<1	4	891	1.5	0.14	0.2	97.4	6.6	19	2.63	14	12.2	0.04	41.5	13	342	0.67	11.2	11.5	500	32.5	114	0.37	4.9	1.4	229	<0.1	17.4	0.5	2.7	49	0.8	17.3	65	<0.2
C-272213	05DEN076R_C	39.72725	-104.99703	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.17	4.47	0.44	0.91	3.39	0.14	0.84	0.02	0.11	<1	3	837	1.4	0.17	0.5	44.1	2.9	9	1.56	14.5	10.5	0.04	21.9	7	242	0.64	11.7	5.9	380	115	138	0.64	2.6	3.4	139	<0.1	7.5	0.4	1.8	21	0.6	11	155	<0.2
C-272214	05DEN421_C	39.75444	-104.80968	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.48	0.52	1.22	2.74	0.2	0.83	0.02	0.12	<1	3	843	1.2	0.13	0.2	60	3.8	13	2.01	10.7	9.95	0.02	27.8	9	308	0.59	9.1	7.3	300	25.7	93.5	0.25	3.4	1.1	178	<0.1	10.3	0.4	2.2	34	0.5	12.7	41	<0.2
C-272215	05DEN301_C	39.68037	-104.99732	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.94	0.85	2.07	3.41	0.36	1.35	0.07	0.18	<1	3	909	2	0.26	0.9	68.8	6.7	23	2.38	27.9	14.8	0.06	32	14	411	1.72	17.4	11.7	680	70.7	142	0.64	6.1	2.7	212	<0.1	11.8	0.6	2.6	56	1.4	18.9	134	<0.2
C-272216	05DEN038_C	39.79842	-104.8473	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.12	5.43	0.93	1.81	2.97	0.34	1.11	0.03	0.16	<1	3	821	1.5	0.17	0.4	87.4	6.8	21	2.9	18.6	12.8	0.04	37.7	14	334	0.83	10.2	12.6	600	43.7	116	0.44	5.4	1.7	226	<0.1	15.6	0.5	2.7	45	0.9	15.7	76	<0.2
C-272217	05DEN432_C	39.68126	-104.81026	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.95	1.34	2.41	3.03	0.48	0.92	0.04	0.22	<1	4	778	1.8	0.18	0.3	79	7.8	25	3.4	19.2	14.3	0.05	34.1	19	436	0.8	13	14.2	670	32.5	112	0.43	7.4	1.8	261	<0.1	13.7	0.6	2.8	66	1.2	18.4	73	0.4
C-272218	05DEN344_C	39.73805	-105.2018	7/27/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	8.21	2.83	4.49	2.25	0.96	1.12	0.04	0.39	<1	3	862	1.7	0.19	0.3	83.8	14.6	26	3.48	32.3	17.8	0.07	40.5	20	914	0.8	14.7	18.9	1180	29.8	79	0.42	14.2	1.8	608	<0.1	10.7	0.4	2.4	119	0.9	24.8	123	0.4
C-272219	05DEN114_C	39.66595	-104.99354	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.19	5.62	1.44	2.76	3.06	0.5	1.12	0.05	0.21	<1	6	939	1.8	0.54	0.8	107	6.7	38	2.73	47.1	14.1	0.06	44.2	23	501	4.84	18.7	23.2	740	344	116	3.94	6.6	15.8	278	0.1	14.6	0.5	3.1	48	1.5	22.1	527	0.4
C-272220	05DEN246_C	39.59509	-105.11062	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.03	0.51	1.44	1.58	0.36	0.15	0.02	0.18	<1	4	475	1.4	0.24	0.1	48.2	4.9	24	4.66	14.3	11.9	0.04	23.9	19	119	0.82	5.1	13.4	180	20.2	76.1	0.58	6.5	1.4	88.3	<0.1	8.8	0.5	2.3	74	0.7	12	57	0.4
C-272221	05DEN307_C	39.8357	-104.97778	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.19	1.34	2.47	2.23	0.53	1.18	0.05	0.22	<1	5	841	1.8	0.35	0.5	70.6	8.5	31	3.25	22.2	14.6	0.05	34.8	18	462	1.13	9.6	14.6	480	37.8	90.5	0.75	8	1.8	325	<0.1	13.1	0.4	2.5	66	1.1	17.2	93	<0.2
C-272222	05DEN465_C	39.87052	-104.7716	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.85	1.78	2.38	2.46	0.64	0.84	0.03	0.23	<1	6	713	1.9	0.27	0.4	93.4	8.5	27	4.56	20.6	14.6	0.05	39.4	25	420	0.91	12.3	18.6	760	27.1	106	0.69	8.4	1.8	188	<0.1	16.1	0.5	2.9	73	1.2	21.9	75	0.3
C-272223	05DEN063_C	39.7402	-104.8464	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.06	6.07	2.04	2.48	2.78	0.62	1.1	0.06	0.22	<1	6	784	2	0.25	0.6	115	7.7	31	4.05	25.1	14.8	0.07	48	22	449	1.23	11.6	18	810	119	122	0.9	7.8	2.6	248	<0.1	20.1	0.5	3.5	66	1.2	20.8	177	0.2
C-272224	05DEN055R_C	39.74075	-104.99873	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.12	5.38	1.06	2.02	3.11	0.35	1.03	0.05	0.22	<1	4	846	1.6	0.25	0.5	144	6.5	20	2.68	29.7	13.7	0.06	65.6	12	407	1.15	18.1	11.5	730	86.5	131	1.09	6	10.2	243	<0.1	25.5	0.5	4.3	52	1.4	23.4	199	0.4
C-272225	05DEN442_C	39.63867	-104.79255	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.2	0.59	1.46	3.51	0.27	1.08	0.03	0.16	<1	3	877	1.7	0.13	0.3	84.9	6.6	19	2.01	16.6	13.1	0.05	35.6	13	302	1.72	37.9	11.4	410	43.2	150	0.59	4.8	1.8	173	<0.1	13.4	0.6	3.4	36	1.2	19.1	86	<0.2
C-272226	05DEN104_C	39.68189	-104.84702	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.61	0.31	0.89	3.76	0.16	0.9	0.02	0.09	<1	2	885	1.4	0.1	0.2	59.8	3.1	9	1.65	8.9	11.4	0.02	29.5	8	197	0.5	7.9	6	300	36.2	152	0.26	2.9	1.1	151	<0.1	11.6	0.5	2	24	0.8	13.1	38	<0.2
C-272228	05DEN395_C	39.79842	-105.14375	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.08	5.17	0.92	2.3	1.98	0.45	1.04	0.04	0.22	<1	10	609	1.8	1.01	1	61.1	8.2	26	3.81	44	12.6	0.12	28.8	19	462	1.47	7.4	15.9	630	71.1	87.7	1.56	7.9	2	186	0.1	10	0.5	2.6	66	1.1	16.3	156	<0.2
C-272229	05DEN189_C	39.7837	-105.1094	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	7.39	1.94	4.89	2.32	0.94	1.27	0.05	0.38	<1	7	828	1.8	0.86	0.9	111	13.5	43	3.24	48.3	18.7	0.13	46.9	19	837	1.31	14.7	19.9	1040	94	89.3	1.62	14.2	2.8	513	0.1	17	0.6	2.6	129	1.7	24.1	275	<0.2
C-272230	05DEN361_C	39.83813	-105.16515	7/28/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.99	0.92	2.12	2.69	0.41	1.41	0.04	0.17	<1	2	702	1.5	0.23	0.3	61.8	7.7	22	1.99	18.4	12.6	0.05	28.9	14	390	0.81	11.1	14.2	450	65	94.1	0.51	5.5	1.6	170	<0.1	11.6	0.4	2.4	45	5.1	14.9	87	<0.2
C-272232	05DEN373_C	39.68186	-105.18765	8/11/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.18	1.68	4.52	2.24	0.66	0.87	0.03	0.36	<1	6	813	1.9	0.18	0.2	70	12.2	22	3.1	26.2	17.8	0.06	35.1	16	715	0.67	13.4	13.9	1010	22.3	82.6	0.34	12.9	1.6	494	<0.1	10.4	0.5	2.6	126	1	24	102	0.4
C-272233	05DEN422_C	39.74038	-104.79056	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.43	1.71	4.5	2.32	0.68	0.88	0.04	0.37	<1	6	836	1.7	0.17	0.3	88.6	12.3	23	3.12	28.4	17.2	0.06	42.1	17	751	0.71	13.3	14.5	1030	23.9	85.2	0.35	12.7	2	504	<0.1	11.5	0.5	2.6	124	1.1	22.5	104	<0.2
C-272234	05DEN220_C	39.63867	-105.07121	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.2	3.53	3.39	1.95	0.86	0.96	0.04	0.28	<1	4	723	1.5	0.17	0.3	72.2	10.8	24	2.81	17.1	14.5	0.06	33.6	20	631	0.8	11.8	15.8	960	56.9	72	0.53	10	2	548	<0.1	11.7	0.5	2.1	97	1.1	21.9	96	<0.2
C-272240	05DEN069_C	39.72595	-104.86616	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.2	1.85	2.71	2.7	0.68	0.99	0.04	0.26	<1	8	775	2	0.28	0.5	123	8.6	37	4.45	25.1	15.7	0.06	49.5	24	426	1.12	13.1	20.1	1010	63	120	1.57	8.9	2.8	231	<0.1	22.8	0.6	3.6	79	1.4	23.4	132	<0.2
C-272241	05DEN384_C	39.84001	-105.20303	8/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.67	1.47	2.84	2.08	0.57	0.9	0.05	0.25	<1	11	520	1.7	0.49	0.6	69.5	9.2	40	4.36	22.5	13	0.05	33.6	22	555	0.91	7.3	22.1	560	49.8	85.3	0.86	8.6	2.1	138	0.1	14.3	0.5	2.9	79	1.3	17.8	68	0.3
C-272242	05DEN294_C	39.62401	-104.84813	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.31	1.04	2.69	2.58	0.83	1.13	0.05	0.23	<1	8	686	2	0.47	0.3	85.2	7.7	25	4.09	43	16.1	0.07	36.4	26	539	0.87	11.6	15.6	580	28.6	97.3	0.42	8.5	2.4	225	0.2	13.6	0.6	3.4	65	1.6	19.8	94	<0.2
C-272243	05DEN341_C	39.74135	-105.18447	7/27/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	8.01	2.34	6.63	2.65	0.96	1.11	0.04	0.52	<1	7	903	1.8	0.37	0.5	102	18.4	31	3.5	47.6	20	0.09	43.4	19	1000	0.79	18.2	17.5	1310	34.1	90.9	0.54	16.8	1.9	684	<0.1	13.2	0.5	2.6	192	1.2	26	121	<0.2
C-272244	05DEN429_C	39.69637	-104.8096	8/30/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.15	1.28	2.8	2.7	0.57	0.96	0.07	0.25	<1	6	748	1.8	0.23	0.5	107	8.3	33	3.99	25.7	14.7	0.05	45.2	22	461	1.57	12.8	18.2	1070	40.1	103	0.9	8.1	2.2	254	<0.1	17.5	0.7	3.8	74	1.3	20.5	114	0.3
C-272245	05DEN223_C	39.68204	-105.07185	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.34	1.51	2.56	2.55	0.71	1.39	0.1	0.21	<1	4	715	1.6	0.26	0.6	55.1	7.3	39	2.58	38.8	12.8	0.04	25.6	15	434	1.79	9.7	17.5	830	59.6	91.3	1.56	7.6	3.4	280	0.1	9.7	0.5	2.2	65	5.6	14.2	189	<0.2
C-272246	05DEN054_C	39.75461	-104.90266	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.3	1.66	2.09	2.5	0.55	0.93	0.08	0.19	<1	5	673	1.6	0.19	0.5	105	6.8	28	3.34	20.7	12.8	0.05	43.5	19	354	1.61	11	15.3	1090	38.7	109	0.62	6.9	2	202	<0.1	20.5	0.7	3.3	55	1.1	18.5	93	0.3

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-272247	05DEN274_C	39.58064	-104.97908	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.57	1.38	2.5	2.65	0.56	1.28	0.05	0.21	<1	4	741	1.6	2.41	0.4	60	9.1	27	2.26	29.2	13.8	0.05	27.7	18	455	1.23	12.3	14.9	700	68.3	93.5	0.96	7.6	2.3	347	<0.1	14.3	0.5	2.4	68	2.7	17.8	139	<0.2
C-272248	05DEN431_C	39.69634	-104.77333	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.62	1.39	3.98	2.34	0.6	0.62	0.04	0.32	<1	6	689	1.9	0.26	0.4	103	12.4	36	4.84	32.1	16.9	0.06	43.8	27	581	1.07	13.9	20.8	920	28.9	94.4	0.66	11	2.3	287	<0.1	16.2	0.6	4	120	1.6	22.5	99	0.3
C-272250	05DEN280_C	39.62413	-104.94099	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.77	1.07	3.15	2.6	0.56	1.04	0.05	0.28	<1	6	795	1.7	0.27	0.5	83.3	12.2	30	3.29	27.2	15.1	0.06	32.6	18	648	1.14	12.6	15.9	720	45.2	99.3	0.78	8.4	2.9	329	0.1	13	0.6	2.8	90	4.4	19.9	109	<0.2
C-272251	05DEN441_C	39.63832	-104.81046	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.76	0.24	0.96	3.76	0.15	0.81	0.01	0.11	<1	3	867	1.4	0.07	0.1	41.1	3	10	1.62	6.5	11.3	<0.02	21	8	191	0.3	11	5.4	240	30.7	153	0.16	2.8	1.2	141	<0.1	7.6	0.7	1.7	28	0.7	12.1	34	<0.2
C-272252	05DEN241_C	39.65308	-105.09082	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.69	1.61	2.95	2.4	0.9	1.19	0.06	0.18	<1	4	538	2	0.51	0.5	99.1	6.6	22	3.96	29.5	15.8	0.1	32.4	23	559	1.14	9.7	13.9	690	57.6	85.6	0.53	7.8	3.8	166	0.3	13.2	0.5	3.9	51	1.6	16.7	149	0.2
C-272253	05DEN232_C	39.72519	-105.09045	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.12	6.76	2.18	5.39	2.96	0.83	1.12	0.08	0.42	<1	8	887	1.6	0.75	1.1	104	13.8	35	2.71	62.9	16.9	0.11	43.4	20	879	1.07	12.7	19.1	3400	120	84.7	1.67	12.2	9.7	531	0.1	16.1	0.5	2.9	149	2.4	21.7	244	0.3
C-272254	05DEN269_C	39.62505	-104.9785	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.32	1.31	2.81	3.22	0.6	1	0.06	0.27	<1	6	814	1.7	0.2	0.4	92.3	7.6	26	3.51	34.6	14.8	0.05	38.8	21	556	1.13	19.6	15.3	950	43.3	113	0.49	8.1	2.2	267	<0.1	15	0.7	3.3	70	1.1	23.9	98	0.3
C-272255	05DEN169_C	39.7546	-105.06834	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.19	6.03	1.2	2.93	2.47	0.56	0.94	0.07	0.22	1	12	639	1.5	1.76	1.6	101	7.9	33	3.86	78.5	14.6	0.2	42.4	18	473	1.6	9.6	17.1	1160	180	100	2.7	8.5	2.8	255	0.2	20.3	0.7	4.1	75	2	20.2	301	0.4
C-272256	05DEN219_C	39.6388	-105.0528	7/26/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.52	2.6	2.89	2.47	0.53	0.97	0.08	0.22	<1	6	673	1.5	0.21	0.4	62	7.6	28	2.78	21.8	13.6	0.05	30.8	19	421	1.13	9.4	16	830	87.2	89.4	0.65	8	2.2	258	<0.1	12	0.6	2.7	85	2	15.8	97	0.2
C-272257	05DEN329_C	39.82691	-105.12865	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.36	1.73	2.69	2.23	0.73	1.04	0.08	0.23	<1	5	559	1.6	0.24	0.4	60.8	9.9	38	4.4	33.6	12.9	0.05	28.6	17	491	1.17	9.3	19.7	960	103	90.8	0.97	9.2	1.9	252	<0.1	11.5	0.5	2.4	78	1.6	17	116	<0.2
C-272258	05DEN293_C	39.62418	-104.86662	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.68	2.26	2.86	2.84	0.52	0.89	0.04	0.26	<1	5	837	1.7	0.2	0.3	82.4	8.9	28	3.37	21.3	14.9	0.04	35.5	19	470	0.77	12.1	15.6	880	36.2	109	0.54	7.7	2.4	324	<0.1	14.5	0.6	3.2	88	1.2	19	79	<0.2
C-272259	05DEN139_C	39.7543	-105.03477	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.1	5.34	1.16	2.3	2.67	0.4	1.28	0.09	0.18	<1	14	733	1.4	0.33	1.2	94	5.7	34	2.19	28.5	12.8	0.07	39.5	11	392	1.66	8.4	12.5	990	211	98.2	1.34	5.8	2.7	232	<0.1	19.2	0.6	3.4	54	1.8	16.5	248	<0.2
C-272260	05DEN355_C	39.81254	-105.18421	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.78	1.22	2.94	2.53	0.57	1.41	0.04	0.23	<1	8	661	1.6	0.61	0.5	101	8.7	107	3.2	35.2	14.4	0.07	41.5	17	484	0.95	8.3	24.3	730	92.2	99.3	1.11	8.5	2.1	227	0.1	21.9	0.6	2.6	90	1.6	17.5	121	<0.2
C-272261	05DEN445_C	39.62402	-104.81052	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.53	0.9	1.64	2.81	0.34	1.15	0.07	0.16	<1	4	774	1.3	0.51	0.5	66.6	5.4	21	1.79	19.6	11.6	0.03	32.1	10	302	0.92	10.9	9.3	550	45	103	0.94	4.6	5.1	195	<0.1	14	0.5	2	44	1.8	13.7	118	<0.2
C-272262	05DEN225_C	39.71086	-105.07185	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.08	6.35	2.28	3.66	2.32	0.81	1.28	0.05	0.28	<1	7	720	1.5	0.57	0.6	108	10.9	31	3.05	39	15.6	0.09	45.9	17	715	1.17	10.6	16.9	1110	104	88.6	1.08	10.9	3	399	0.1	19.6	0.5	2.8	94	1.6	21.2	142	<0.2
C-272263	05DEN217R_C	39.66771	-105.05246	7/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.15	0.9	2.25	2.9	0.35	1.34	0.06	0.17	<1	5	699	1.5	0.22	0.7	63.1	5.7	35	1.61	30.2	12.5	0.05	30.1	10	349	1.33	8.8	10.3	620	681	102	0.83	5.4	2.8	238	<0.1	11.8	0.5	2.3	52	3.7	14.6	200	<0.2
C-272264	05DEN316_C	39.63874	-105.12745	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.18	1.14	2.88	2.91	0.69	1.14	0.07	0.2	<1	8	653	1.8	0.33	0.3	99.4	8	39	4.47	27.9	15.2	0.07	40.9	22	505	1.03	9.4	22.3	730	46.3	127	0.51	8.1	2.8	175	0.1	18.4	0.7	2.8	70	2	17.5	98	<0.2
C-272265	05DEN216R_C	39.68316	-105.05121	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.02	7.36	3.11	5.28	2.28	1	1.13	0.04	0.42	<1	6	864	1.6	0.26	0.3	94.1	15.3	23	3.27	35.7	17.7	0.08	40.1	18	908	0.77	15.2	15.6	1430	30.1	84.3	0.55	15.6	3.3	890	0.1	14.6	0.4	3	158	0.8	26	109	<0.2
C-272266	05DEN414_C	39.76789	-104.84744	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.76	0.48	1.62	3.16	0.2	0.97	0.02	0.15	<1	3	882	1.2	0.12	0.4	90.2	5.1	16	2.05	12	10.4	0.03	37.4	9	344	0.65	8.6	8.2	470	57.8	106	0.31	3.6	1.3	207	<0.1	15.2	0.6	2.4	43	0.8	13.3	77	<0.2
C-272267	05DEN194_C	39.85655	-105.10807	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.71	1.7	2.83	1.71	0.69	0.5	0.04	0.27	<1	7	797	1.5	0.33	0.4	57.3	9	23	3.52	19	13.5	0.05	28	22	454	1.1	8.4	14.9	550	25.4	76.2	0.68	9.6	2.4	220	<0.1	9.3	0.6	2.4	85	0.8	18.8	78	0.3
C-272268	05DEN400_C	39.8629	-105.20284	8/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.24	0.55	1.89	1.75	0.31	0.5	0.04	0.17	<1	10	460	1.4	0.39	0.8	82.3	6.9	26	3.67	17.9	10.5	0.05	37.8	21	437	1.01	6.7	15	550	48.7	79.4	0.61	6.1	1.5	105	0.1	16.1	0.5	2.4	52	1.1	15.7	57	0.3
C-272269	05DEN466_C	39.85624	-104.79094	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.56	0.92	1.19	2.92	0.23	1.11	0.03	0.11	<1	4	752	1.3	0.11	0.1	54.8	3.4	11	1.51	11.3	10.5	0.02	25.4	9	234	0.49	7.3	7.1	320	25.6	99.6	0.26	3.2	1.1	176	<0.1	9.5	0.5	1.7	30	0.8	11.3	44	<0.2
C-272270	05DEN212R_C	39.73857	-105.05401	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.05	6.3	2.55	3.7	2.59	0.79	1.17	0.07	0.3	<1	6	807	1.4	0.3	0.7	104	10.9	32	2.98	30.9	15.7	0.07	43.4	18	642	1.23	11.7	17.7	1470	160	90.1	1.05	10.5	2.7	450	<0.1	17.4	0.5	2.7	107	1.6	21.1	159	<0.2
C-272271	05DEN079_C	39.71095	-104.95918	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.02	1.62	2.17	3.04	0.41	1.3	0.03	0.2	<1	6	933	1.5	0.14	0.4	83.1	7.8	12	1.51	19	14.2	0.04	36.4	9	511	0.91	18.2	8.4	750	99.5	103	0.69	6.4	3.3	580	<0.1	13.7	0.4	2.3	53	1.2	18.1	126	<0.2
C-272272	05DEN217_C	39.66775	-105.05275	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.39	4.94	1.35	2.44	2.64	0.43	1.22	0.07	0.19	<1	11	730	1.5	0.17	0.8	74	6.9	31	1.61	40	12	0.05	31.4	10	431	1.34	10.1	13.5	1150	502	91.5	0.93	6	2.1	310	<0.1	12	0.5	2.1	61	3.6	14	186	<0.2
C-272273	05DEN196_C	39.74015	-105.01802	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.17	5.7	2.12	2.82	2.68	0.51	1.07	0.08	0.24	<1	7	896	2.1	0.44	1.2	94.3	8.6	24	2.64	42.9	13.7	0.07	39	15	486	1.53	14.3	17.3	1160	167	99.6	1.55	7.9	57.3	412	<0.1	16.3	0.6	3.5	79	1.2	21.4	176	0.3
C-272274	05DEN242_C	39.63853	-105.11052	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.25	1.43	3.54	2.3	0.77	0.52	0.04	0.26	<1	12	732	1.7	0.31	0.4	76.5	9.8	44	4.94	22.3	15.4	0.06	33.6	29	500	1.35	9.1	22.2	580	28.8	99.5	0.8	10.7	2.3	202	0.1	13.8	0.7	2.9	116	2.1	18.5	92	0.4
C-272275	05DEN041_C	39.78637	-104.90544	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.69	0.94	2.21	2.79	0.44	1.07	0.05	0.18	<1	6	746	1.5	0.29	1.3	80.5	6.7	40	3.26	29.9	14.3	0.07	35.3	15	394	2.36	12.1	14.9	600	82.4	123	0.82	6.9	3.1	217	<0.1	13.8	0.6	3.1	58	1.4	18.2	151	<0.2
C-272276	05DEN180_C	39.84151	-105.09148	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.19	2.7	2.23	2.05	0.56	0.85	0.04	0.2	<1	8	574	1.4	0.27	0.4	76.5	7.4	31	3.7	23.8	12.6	0.05	33	21	353	0.9	8.3	17.2	510	54.4	88.3	0.74	7.1	1.9	191	0.1	14	0.5	2.2	68	1.3	15.9	90	0.3
C-272278	05DEN244_C	39.62226	-105.1104	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.95	2.09	2.69	2.69	0.73	0.57	0.02	0.2	<1	7	609	1.8	0.29	0.3	68.4	8.5	29	5.72	21.8	14.9	0.06	34.8	25	395	1.22	8.1	20.3	490	28.7	114	0.63	8.4	1.9	184	<0.1	14.8	0.8	2.4	81	1.1	16.6	74	<0.2
C-272279	05DEN035_C	39.79824	-104.92216	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.76	0.98	1.78	3.14	0.28	1.13	0.04	0.16	<1	4	758	1.4	0.15	0.5	93.4	4.7	19	2.16	23.5	11.6	0.04	41.2	11	341	1.22	10.2	10	790	47.7	110	0.45	4.1	2.5	213	<0.1	17.4	0.6	2.7	40	1	15.9	105	0.2
C-272280	05DEN378_C	39.70999	-105.20444	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.35	2.01	2.4	1.92	0.85	0.45	0.03	0.21	<1	5	402	2	0.2	0.2	66.3	6.5	19	6.55	17.8	15.1	0.06	32.6	34	486	0.68	9.9	12.3	430	33.2	91.5	0.61	9.1	2.3	128	<0.1	12.8	0.5	2.4	53	2.3	25	68	<0.2
C-272281	05DEN144_C	39.82568	-105.03454	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.56	2.31	2.42	2.19	0.61	0.76	0.05	0.2	<1	7	595	1.4	0.52	0.6	69.1	7.3	31	4	26.8	13.1	0.06	34.2	22	361	1.07	8.2	17	640	59.1	88.6	0.99	7.3	2.9	222	0.1	14	0.5	2.5	67	1.3	16.5	112	<0.2
C-272284	05DEN125_C	39.63861	-104.82921	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.71	0.58	1.04	3.61	0.21	0.87	0.02	0.12	<1	2	974	1.2	0.06	0.1	54.3	3.8	11	<5	8.6	11.3	0.02	28.1	8	255	0.42	12.4	7.5	260	26.1	142	0.37	3.3	1.1	213	<0.1	9.6	0.5	1.6	27	1	11.1	42	<0.2
C-272285	05DEN320_C	39.65299	-105.16364	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.11	1.6	3.35	2.2	0.82	0.71	0.06	0.28	<1	6	668	1.5	0.22	0.4	80.8	10.3	33	<5	24.4	14.9	0.07	38.4	24	556	0.9	78.5	20.1	770	49.4	88.8	0.74	10.9	2.4	325	<0.1	13.1	0.6	2.2	99	2.4	17.2	81	0.4
C-272286	05DEN335_C	39.78442	-105.15646	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.58	2.65	4.23	2.15	1.25	1.3	0.07	0.23	<1	4	501	2.1	0.59	0.7	78.9	17.1	30	7	55.2	15.7	0.12	35.8	25	983	1.58	6.6	22.6	540	45	82.9	1.07	16.4	2.8	172	<0.1	16.1	0.5	2.4	109	1.4	25.1	188	<0.2
C-272287	05DEN411_C	39.75301	-104.8747	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.6	2.22	2.61	2.56	0.68	0.88	0.04	0.26	<1	6	843	1.7	0.18	0.4	131	9.2	31	<5	20.8	14.9	0.05	62.2	23	461	1	13	18.8	710	38	122	0.69	8.8	2.2	268	<0.1	21.2	0.8	3.3	74	1.2	21.6	72	<0.2
C-272288	05DEN396_C	39.85592	-105.24088	8/29/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.48	1.16	3.18	2.05	0.99	0.54	0.06	0.27	<1	11	634	1.9	0.43	0.5	65.4	11.2	52	8	23.7	15.9	0.07	34	40	341	1.39	9.9	30.9	660	32.1	113	1.14	10.5	2.2	128	0.1	11.5	0.6	2.5	121	1.5	16.9	97	0.8
C-272289	05DEN281_C	39.62389	-104.92302	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.02	1.68	3.09	2.33	0.7	0.85	0.05	0.29	<1	5	705	1.6	0.23	0.4	95.5	10.6	29	<5	26.9	16.5	0.06	45.5	24	547	1.3	13	17.7	730	34.5	99.7	0.84	10.4	2.4	338	<0.1	14.2	0.7	3.3	83	2.9	19.6	94	<0.2
C-272295	05DEN175_C	39.84152	-105.07351	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.99	1.34	2.1	1.92	0.54	0.58	0.05	0.22	<1	7	519	1.5	0.27	0.4	82.6	8.5	46	<5	19.2	12.8	0.05	35.5	44	324	0.99	8.6	17.9	690	62	88.9	0.91	8	1.8	150	<0.1	12.5	0.5	2.6	65	1.5	15.9	81	0.3
C-272296	05DEN259_C	39.62397	-105.03529	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.94	2.4	3.43	1.96	0.88	0.67	0.07	0.3	<1	5	881	1.5	0.3	0.6	84.6	11.7	33	<5	21.4	14.7	0.06	39.9	21	771	1.68	11.5	18.9	1310	47	77.8	0.67	12.4	1.9	588	<0.1	10.7	0.5	2.6	98	1.1	19.8	102	0.4
C-272297	05DEN237_C	39.68251	-105.09021	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.59	2.12	4.45	2.57	0.83	0.72	0.06	0.39	<1	5	735	1.6	0.26	0.5	85.3	15.2	30	<5	40	16.5	0.08	40.5	21	700	0.88	15.3	19.9	1360	36	107	0.69	14.4	2.1	518	<0.1	11.1	0.5	2.5	134	1.1	19.6	111	0.3
C-272298	05DEN470_C	39.87106	-104.84659	8/24/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.1	0.83	2	2.56	0.43	0.88	0.03	0.21	<1	5	782	1.5	0.17	0.3	107	7.8	25	<5	15.2	13	0.05	47.2	18	394	0.77	11.9	15.8	580	35.6	118	0.56	6.8	1.9	211	<0.1	16.7	0.6	3	55	1	20.3	63	<0.2
C-272299	05DEN377_C	39.68158	-105.14522	7/25/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.38	1.81	4.01	2.4	0.83	0.87	0.05	0.35	<1	5	780	1.7	0.21	0.3	91.6	21	37	<5	30.5	16.6	0.07	41.3	26	718	1.09	12.9	27.7	1100	31.1	108	0.57	13.3	2.3	461	<0.1	13.1	0.6	2.5	118	1.2	20.4	89	<0.2
C-272300	05DEN062_C	39.7396	-104.8661	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.63	0.53	1.38	3.18	0.24	0.87	0.04	0.16	<1	3	867	1.5	0.12	0.3	70.4	24.8	25	<5	12.4	12.2	0.04	31.9	29	291	1.22	12.4	29.6	440	35	136	0.32	5	1.4	191	<0.1	10.1	0.7	2.2	38	2.3	12.7	48	<0.2
C-272301	05DEN194R_C	39.85643	-105.10837	7/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.93	1.98	3.56	1.45	0.89	0.39	0.04	0.35	<1	5	943	1.5	0.12	0.2	99	11.5	18	<5	16.9	14.5	0.06	44.6	20	466	1.06	9.6	15.7	470	17.9	65.8	0.44	13.1	1.6	251	<0.1	8.4	0.4	2.2	94	0.8	28.4	69	0.4

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-272302	05DEN117_C	39.65345	-104.95966	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.01	1.25	2.17	2.66	0.46	1.41	0.11	0.21	<1	3	766	1.6	0.27	1.7	126	7.3	24	<5	26.8	13.5	0.06	53.5	14	453	1.17	14.5	12.9	990	201	114	1.06	6.8	3.6	269	<0.1	21.3	0.6	3.1	49	3.3	19.9	148	<0.2
C-272303	05DEN356_C	39.81291	-105.16563	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.34	6.04	1.93	3.25	2.23	0.74	1	0.06	0.27	2	33	642	2.2	3.43	3	85.5	11.7	59	7	179	15.6	0.35	39.2	28	780	4.49	9	28.8	590	260	109	8.34	11.1	3.2	243	0.4	12	0.7	4	83	3	17.2	447	<0.2
C-272305	05DEN306_C	39.82008	-104.97771	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.07	4.78	0.78	1.96	2.71	0.32	1.15	0.05	0.15	<1	11	704	1.3	0.53	3.2	161	8.2	32	<5	29.5	13.1	0.12	70	15	404	1.34	8.5	18	780	178	122	1.24	5.3	2.5	195	0.1	32.8	0.7	4.1	42	2	14.7	147	<0.2
C-272306	05DEN091_C	39.69668	-104.92204	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.42	0.69	1.32	2.96	0.24	0.9	0.05	0.15	<1	2	822	1.3	0.09	0.4	58.1	4.9	17	<5	14.8	11.2	0.03	29.3	8	273	0.68	10.7	8.4	530	173	126	0.68	4.7	1.5	207	<0.1	9.6	0.4	1.8	33	1.5	11.7	86	<0.2
C-272307	05DEN368_C	39.71109	-105.16536	8/11/2005	<2mm	0-5 in	WGS84	WGS84	0.04	8.22	1.28	3.95	2.2	0.86	0.51	0.04	0.37	<1	4	865	1.9	0.28	0.4	90.5	13.4	27	6	31.5	20	0.08	44.1	24	640	0.74	14.8	18.1	900	25.4	127	0.58	16.4	2.1	373	<0.1	11.4	0.8	2.3	103	1.3	24.3	92	<0.2
C-272308	05DEN322_C	39.66658	-105.18539	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.4	4.32	3.29	2.1	0.61	0.68	0.07	0.29	<1	6	666	1.6	0.22	1.1	62.5	11.2	28	<5	27.5	15.6	0.07	33.1	21	538	4.89	12.8	24.5	770	27.9	84.8	1.34	11.7	1.7	422	<0.1	9.2	0.8	3.4	144	1.5	17.4	90	1.3
C-272309	05DEN107_C	39.66768	-104.82821	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.45	0.28	0.79	3.46	0.14	0.8	0.01	0.09	<1	2	883	1.4	<0.04	0.1	49.2	3.7	10	<5	4.9	11.2	0.02	26.1	8	168	0.44	7.7	7	180	27.2	144	0.23	2.9	0.8	150	<0.1	8.2	0.6	1.4	21	0.5	9.9	27	<0.2
C-272310	05DEN336_C	39.7546	-105.14586	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.35	1.86	2.3	2.61	0.55	1.38	0.09	0.18	<1	3	740	1.4	0.17	0.4	85.1	13.4	25	<5	31.8	14.3	0.06	39	17	475	0.95	8.3	18.6	630	72.7	101	0.83	8.3	2	311	<0.1	12.9	0.5	2.3	58	1.2	14.4	128	<0.2
C-272311	05DEN350_C	39.78349	-105.24061	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.33	0.91	2.97	1.83	0.61	1.15	0.02	0.25	<1	7	418	18.2	0.5	0.4	78	26.6	61	8	21.9	13.9	0.05	35.6	54	1210	0.83	8.3	43.1	550	23	114	0.38	11.2	2.2	135	<0.1	11.1	0.5	3.5	62	2.7	13.4	69	<0.2
C-272312	05DEN214R_C	39.71075	-105.05384	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.22	6.34	5.34	4.63	1.74	1.08	1.13	0.04	0.41	<1	3	845	1.2	0.11	0.3	103	15.7	23	<5	21.2	16.3	0.07	47.1	18	982	0.69	12	15.8	1290	30.4	62.2	0.42	15.3	1.8	757	<0.1	11.8	0.4	2.1	134	0.7	23.2	90	<0.2
C-272313	05DEN178_C	39.87254	-105.09139	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.02	3.43	0.53	1.48	1.56	0.26	0.62	0.04	0.14	<1	6	464	1.2	0.25	0.6	68.1	6.7	22	<5	19.7	8.92	0.04	31.2	13	307	2.29	5.8	15.5	560	57.5	69.1	0.86	4.9	1.6	129	<0.1	10.9	0.3	2	39	1.7	11.9	62	0.4
C-272315	05DEN048_C	39.76943	-104.95991	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.07	0.75	1.81	3.05	0.34	1.08	0.03	0.18	<1	5	842	1.4	0.2	1.1	121	5.6	31	<5	22.8	13.4	0.08	53.8	26	384	1	14.8	13.6	630	99.7	134	1.03	5.6	2.6	204	0.1	22.8	0.6	2.8	41	1.2	19.6	176	<0.2
C-272316	05DEN451_C	39.59473	-104.79177	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.48	0.47	1.12	3.22	0.24	0.8	0.02	0.14	<1	3	820	1.5	0.06	0.1	75.4	4.1	11	<5	9	12	0.03	33.7	9	251	0.39	14.2	7.4	280	25.1	129	0.26	3.9	1.1	145	<0.1	11.4	0.5	2.3	29	0.8	13.8	34	<0.2
C-272317	05DEN330_C	39.84212	-105.12934	7/28/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.75	3	2.72	2.13	0.79	0.56	0.03	0.27	<1	8	613	1.6	0.21	0.4	90.8	19	38	<5	22.3	14.3	0.06	41.2	40	452	1.42	12.6	34.2	640	22.2	93.6	0.8	9.8	1.9	276	<0.1	14.3	0.7	2.9	79	1.2	18.8	64	<0.2
C-272318	05DEN407_C	39.82046	-105.16544	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.38	2.51	3.91	2.05	0.98	1.3	0.07	0.32	<1	4	794	1.6	0.22	0.3	101	14.5	25	<5	32.6	17.2	0.08	45.6	18	861	0.76	12.2	18.2	770	27	83.8	0.48	14.8	1.9	469	<0.1	14.5	0.4	2.4	107	1.3	21.9	86	<0.2
C-272319	05DEN141_C	39.78399	-105.03473	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.34	0.94	2.29	2.52	0.38	1.16	0.05	0.16	<1	5	713	1.3	0.17	0.6	150	6	28	<5	25.7	12.7	0.09	68.1	13	492	1.41	7.7	14	830	131	122	1.28	6.2	3.2	219	<0.1	30.3	0.7	3.6	47	1.9	16.2	248	<0.2
C-272320	05DEN328_C	39.81179	-105.12831	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.07	5.02	1	2.41	2.08	0.51	0.92	0.05	0.22	<1	7	609	1.7	0.59	0.7	88.2	9.1	43	<5	32.3	12.8	0.07	40.3	19	488	1.05	8.3	20.4	630	74.4	94.8	1.36	8.3	3.4	198	<0.1	15.7	0.6	2.3	66	1.3	15.4	115	0.3
C-272321	05DEN239_C	39.65328	-105.10891	7/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.5	1.4	2.66	2.54	0.54	1.03	0.04	0.23	<1	4	752	1.5	0.21	0.3	135	10.1	32	<5	18.2	14.4	0.06	42.2	19	514	1.32	10.8	19.3	600	73.6	107	0.56	8.5	2	285	<0.1	14.8	0.7	2.5	68	1.8	18.6	80	<0.2
C-272322	05DEN413_C	39.75329	-104.8472	8/30/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.34	0.72	2.15	2.71	0.44	0.98	0.04	0.23	<1	4	825	1.7	0.2	0.8	118	8.4	30	<5	21.8	14.1	0.06	51.8	16	502	1.17	11.8	15.8	840	60.7	123	0.73	8	2.3	233	<0.1	19.1	0.7	3.4	55	1.3	19	186	0.2
C-272323	05DEN148R_C	39.85654	-105.05565	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.83	1.19	2.08	2.03	0.51	0.81	0.06	0.2	<1	5	575	1.3	0.21	0.5	78.5	12.5	38	<5	24.9	11.9	0.05	35.6	25	350	1.4	8.4	26	560	142	90	0.96	7.1	2	163	<0.1	12.1	0.5	2.2	59	2.4	14.9	149	<0.2
C-272325	05DEN390_C	39.84116	-105.23521	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.04	6.37	0.77	3.09	2.24	0.98	0.86	0.02	0.27	<1	14	783	1.9	0.4	0.1	62.4	11.6	47	6	17.1	17	0.07	32.2	32	794	1.36	9.7	29.9	600	24	112	1.2	11.6	2.2	137	<0.1	10.5	0.5	2.3	101	1.7	16.4	74	0.3
C-272326	05DEN454_C	39.79799	-104.83064	8/26/2005	<2mm	0-5 in	WGS84	WGS84	0.3	4.79	0.79	1.73	2.7	0.3	0.99	0.05	0.16	2	4	837	1.6	0.58	3.2	104	7	40	<5	33.5	12.1	0.06	46.3	13	355	1.38	10.5	24.8	1430	95.7	119	0.64	5.5	4.9	214	<0.1	17.2	0.5	3.1	39	1.5	14.9	130	0.3
C-272327	05DEN227_C	39.74016	-105.07182	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	4.74	0.78	1.6	2.63	0.31	1.23	0.07	0.14	<1	3	722	1.5	0.27	0.8	81.2	7.1	27	<5	22	12.1	0.07	37.1	12	341	1.24	7.8	14.7	560	327	118	0.93	5.1	3.2	205	<0.1	14.1	0.5	2.6	35	2.2	12.4	117	0.3
C-272328	05DEN110_C	39.66796	-104.92117	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.04	3.12	22.7	1.2	1.02	0.25	0.09	0.05	0.11	<1	8	438	1	0.61	4.7	37	6.3	35	<5	30.1	8.04	0.04	21.8	27	75	31.5	4.7	72.3	870	14.2	49.9	5.09	5.6	1.3	1020	<0.1	6.1	1.6	17	395	1.3	14.3	92	7
C-272329	05DEN318_C	39.63842	-105.16512	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.41	1.25	2.61	2.71	0.57	1.14	0.1	0.23	<1	4	760	1.6	0.19	0.5	101	12.6	30	<5	25.9	13.7	0.06	44.5	21	566	1.42	15.8	25	920	97.5	121	0.74	8	2.5	319	<0.1	14.3	0.5	2.7	67	1.6	20.4	106	<0.2
C-272330	05DEN109_C	39.66749	-104.9033	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.04	7.35	0.84	3.1	2.09	0.56	0.43	0.02	0.32	<1	5	513	1.9	0.29	0.5	83.5	19.9	43	6	27.7	18.7	0.07	37.9	32	296	0.99	15.1	33.9	340	27.4	99.1	1.03	11.4	2.1	182	<0.1	10.2	0.7	4.2	110	1.5	18.2	98	<0.2
C-272332	05DEN029_C	39.81263	-104.94035	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.12	5.64	0.82	2.42	2.63	0.45	0.89	0.04	0.23	<1	6	900	1.8	0.25	1.3	110	9	30	<5	39.4	14.8	0.06	52.7	17	482	1.75	14.2	19.1	660	108	124	1.85	8.3	6.8	241	<0.1	17.2	0.5	3.7	58	1.5	17.9	195	0.4
C-272333	05DEN439_C	39.65322	-104.79144	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.5	0.28	0.95	3.57	0.15	0.82	0.01	0.1	<1	2	906	1.3	0.04	0.2	44.4	5.4	15	<5	9.2	11.3	0.02	22.7	9	196	0.5	7.5	11.3	220	30.2	153	0.29	2.9	1.2	168	<0.1	7.8	0.5	1.3	25	0.6	9.8	40	0.2
C-272334	05DEN061_C	39.73946	-104.88454	8/8/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.19	0.77	1.45	2.61	0.28	0.99	0.05	0.14	<1	4	808	1.3	0.11	0.6	94.9	28.8	46	<5	25.8	11	0.05	42.4	31	354	1.96	9.2	49.1	720	244	114	0.9	4.4	2.1	196	<0.1	16.1	0.4	2.9	35	1.4	15.4	177	<0.2
C-272335	05DEN285_C	39.59378	-104.90398	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.25	1.37	2.41	2.63	0.47	0.84	0.07	0.24	<1	4	769	1.5	0.18	0.4	98.4	9.1	24	<5	35.7	13.7	0.05	44.9	18	451	0.88	14.2	15.1	1040	31.7	115	0.59	7.3	1.8	263	<0.1	13.6	0.6	3.3	66	1.1	19	78	0.4
C-272336	05DEN452_C	39.59513	-104.77267	8/30/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.84	0.41	1.3	3.25	0.26	0.8	0.02	0.13	<1	3	863	1.4	0.06	0.1	73.2	4.3	13	<5	8.3	12.7	0.03	33.9	10	261	0.35	13.1	8.1	280	27.3	140	0.24	4.5	1.2	170	<0.1	11.8	0.7	1.9	35	0.7	13.6	33	<0.2
C-272337	05DEN398_C	39.86687	-105.22198	8/29/2005	<2mm	0-5 in	WGS84	WGS84	0.03	3.56	0.44	1.7	1.12	0.26	0.4	0.06	0.15	<1	11	353	1.1	0.31	0.6	53.4	4.8	24	<5	33.8	9.29	0.05	28.1	20	318	1.33	5.6	14.9	640	40.4	60.2	0.75	5.6	1.4	88	0.1	11.1	0.3	2.1	48	1	9.8	61	0.4
C-272338	05DEN369_C	39.6964	-105.16566	8/11/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.68	0.88	3.7	2.13	0.52	1.13	0.05	0.33	<1	9	630	1.5	0.5	1.1	73.7	11.8	30	<5	21.9	15.8	0.08	35.9	14	588	0.67	10.3	14	570	64.2	86.2	0.78	10.2	2	191	0.2	10.8	0.5	4	121	1	17.4	86	0.5
C-272339	05DEN240_C	39.66764	-105.0909	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.51	1.46	3.89	2.9	0.94	1.29	0.12	0.36	<1	5	892	1.5	0.24	0.8	84.3	14.6	22	<5	35.2	15.5	0.07	39	17	858	0.89	12.5	14.8	1620	43.3	110	0.68	14	1.8	773	<0.1	8.9	0.5	2.8	111	0.9	21.3	90	0.5
C-272340	05DEN399_C	39.86	-105.20218	8/29/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.24	1.13	1.97	1.33	0.51	0.35	0.04	0.24	<1	7	565	1.8	0.26	0.3	65.2	7.6	33	5	16.7	12.7	0.05	34.6	19	189	1	8.6	17.9	230	27.6	71.3	0.82	8.2	1.8	108	<0.1	11.1	0.5	2.1	74	1.2	15.8	61	0.3
C-272341	05DEN068_C	39.7259	-104.84757	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.11	0.26	0.63	3.23	0.11	0.77	0.01	0.09	<1	2	866	1.3	0.05	0.2	95.6	2.3	7	<5	7	10.8	<0.02	43.4	6	171	0.34	10	3.7	240	33.8	146	0.24	2.5	1	137	<0.1	19.2	0.7	2.8	16	0.5	14.2	28	<0.2
C-272342	05DEN015_C	39.79848	-104.97835	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.96	1.34	1.77	2.66	0.46	1.37	0.07	0.15	<1	7	734	1.5	3.11	9.6	102	4.7	21	<5	25.6	12.4	0.13	46.3	11	343	1.46	9.8	11.6	550	87.1	107	1	5.3	3.1	207	0.2	18.5	0.7	2.6	36	2.3	14	180	0.2
C-272343	05DEN229_C	39.74118	-105.11	7/22/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.9	2.61	2.76	1.91	1.13	0.89	0.04	0.22	<1	8	659	1.8	0.51	0.3	71.5	8.9	34	<5	32.1	16.3	0.09	35	25	527	1.13	9.4	21.7	620	20.3	79.8	0.6	10.6	2.3	371	0.2	9	0.5	2.7	67	1.1	16.1	75	0.2
C-272344	05DEN289_C	39.58094	-104.92277	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.93	1.86	2.96	2.34	0.67	0.67	0.05	0.28	<1	6	756	1.7	0.21	0.5	92.5	10.9	30	<5	26.3	15.6	0.06	42.5	23	512	1.08	13.1	18.4	780	45.8	101	0.72	9.9	2.3	288	<0.1	14.3	0.6	3.1	85	1.3	18.9	104	0.2
C-272350	05DEN093_C	39.69667	-104.95948	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.12	1.22	2.01	2.84	0.47	0.99	0.06	0.2	<1	5	800	1.9	0.17	0.6	85.1	6.6	32	<5	33.9	14	0.06	39.2	15	392	1.35	15.2	14.3	840	127	130	1.77	7.1	3	231	<0.1	13.3	0.6	2.5	49	2.1	18.8	124	0.2
C-272351	05DEN278_C	39.60955	-104.96067	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.97	1.91	3.65	2.68	0.66	0.76	0.05	0.33	<1	5	870	1.8	0.19	0.5	103	13.3	26	<5	29.8	15.7	0.07	46.7	19	739	1.29	15.2	17.2	980	88.4	119	0.67	11.9	2.2	469	<0.1	14.2	0.7	2.9	104	1.6	20.7	107	0.2
C-272352	05DEN102_C	39.68428	-104.8825	8/9/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.29	0.55	0.69	3.39	0.12	0.82	0.02	0.09	<1	2	848	1.3	<0.04	0.2	61.5	2.2	7	<5	5.8	10.8	<0.02	31.4	6	162	0.47	9.4	4	220	34.2	144	0.19	2.6	1	145	<0.1	10.4	0.7	1.7	17	0.6	11.1	40	<0.2
C-272353	05DEN360_C	39.82685	-105.16566	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.06	4.96	1.47	2.5	1.69	0.55	0.74	0.04	0.22	<1	8	533	1.6	0.6	0.7	79.3	9	29	<5	37.1	13.1	0.08	36.6	19	492	1.5	8.3	17.1	640	46.1	82.1	1.41	9.5	2.1	199	<0.1	13.6	0.5	3.4	75	1.3	17.4	108	0.2
C-272355	05DEN117R_C	39.65332	-104.95983	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.03	4.69	1.21	2.05	2.47	0.5	1.18	0.09	0.2	<1	5	723	1.5	0.19	0.6	79.3	6.8	25	<5	29.2	13.1	0.06	36	13	450	1.56	14.1	15.5	1030	108	106	1.26	6.6	2.6	242	<0.1	11.5	0.5	2.3	47	3.5	16.9	146	0.2
C-272356	05DEN346_C	39.7405	-105.22163	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5	3.27	2.14	2.19	1.1	0.72	0.04	0.17	<1	8	518	1.5	0.2	0.3	55.8	6.8	25	<5	20.5	12.8	0.05	28.8	24	433	0.85	7.1	16.1	530	22.8	88.3	0.54	7.9	1.9	173	<0.1	9.4	0.5	2.5	50	1	15.7	54	0.2
C-272357	05DEN022_C	39.84311	-104.93144	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.02	4.99	0.77	1.68	2.99	0.33	1.19	0.05	0.17	<1	13	821	1.6	0.2	1	89.4	5	18	<5	24	13.6	0.06	41.8	12	432	1.12	21.1	9.8	590	64.7	129	0.58	5.7	2.3	201	<0.1	13.6	0.7	2.7	37	1.3	15.7	163	0.2

Table 4. Major- and trace-element data for <2-millimeter soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicate sample]

									Hg CVAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
									Hg	Al	Ca	Fe	K	Mg	Na	S	Ti	Ag	As	Ba	Be	Bi	Cd	Ce	Co	Cr	Cs	Cu	Ga	In	La	Li	Mn	Mo	Nb	Ni	P	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th	Tl	U	V	W	Y	Zn	Se
C-272358	05DEN160_C	39.85612	-104.99792	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.18	2.96	2.33	1.62	0.63	0.6	0.04	0.22	<1	17	581	1.3	0.3	0.4	68.1	8	27	<5	23.6	12.8	0.05	34.4	22	418	0.89	8.7	17.1	460	32.5	74.8	0.81	8.2	1.7	262	<0.1	9.8	0.5	2	64	1	15.9	73	0.2
C-272359	05DEN359_C	39.79817	-105.18414	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.15	6.08	2.82	3.89	2.22	0.88	0.99	0.07	0.32	1	23	727	1.8	1.96	1.5	93.4	12.3	44	<5	93.4	16	0.2	42.7	23	833	1.76	11.8	22	1040	92	87.9	3.11	13.6	2.2	361	0.1	12.7	0.6	2.5	115	1.9	20.7	231	0.2
C-272360	05DEN191_C	39.80924	-105.11175	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.1	5.09	0.89	2.35	2.02	0.48	0.91	0.07	0.22	<1	8	605	1.5	0.72	0.8	75.2	8	41	<5	31.2	13.3	0.08	34.8	19	443	1.45	7.6	19.2	800	65.4	88.7	1.27	8	2.3	194	<0.1	12.2	0.5	3.2	65	1.2	15.7	116	0.4
C-272361	05DEN376_C	39.66489	-105.1285	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.73	3.59	6.23	2.06	1.45	0.8	0.03	0.49	<1	5	1090	1.1	0.09	0.3	110	19.3	24	<5	28.6	16.8	0.07	48.4	17	1150	0.36	14.2	17.1	1850	24.8	59.7	0.34	21	1.6	834	<0.1	11.3	0.3	2	192	0.5	22.1	86	0.4
C-272362	05DEN051_C	39.75457	-104.9599	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.06	4.92	1.1	2.09	2.85	0.4	1.2	0.07	0.19	<1	7	861	1.4	0.17	0.8	110	6	29	<5	35	12.9	0.13	47.7	11	621	1.65	13.4	14.9	630	232	121	2.41	6.1	3.2	206	<0.1	21.1	0.7	3	45	1.6	18.7	445	<0.2
C-272363	05DEN027_C	39.82632	-104.92202	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.03	5.01	0.56	1.89	2.69	0.33	0.82	0.04	0.22	<1	7	776	1.7	0.27	1.6	105	10	24	<5	25	13.4	0.08	48.9	14	603	1.49	15.4	12.7	670	68.6	132	0.88	7.2	2.3	171	<0.1	15.7	0.6	3.1	45	1.3	20.4	92	0.2
C-272364	05DEN455_C	39.79857	-104.80978	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.03	1.25	1.61	2.85	0.37	0.93	0.03	0.15	<1	4	877	1.2	0.1	0.2	88.7	5.5	18	<5	12.4	12	0.04	42.6	14	334	0.68	8.5	10.6	570	30.6	119	0.68	5.7	1.4	270	<0.1	12.2	0.7	2.2	43	0.8	14.2	63	<0.2
C-272365	05DEN460_C	39.78384	-104.77246	8/24/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.75	0.98	1.44	2.82	0.26	0.99	0.01	0.15	<1	4	832	1.3	0.07	0.2	94.7	4.3	14	<5	10.1	11.3	0.03	42.5	10	285	0.35	9.7	8	330	24.9	117	0.32	4.4	1.2	219	<0.1	15.6	0.7	2.7	39	0.7	13.1	33	<0.2
C-272366	05DEN357_C	39.78363	-105.16527	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.63	1.63	3.13	2.48	0.62	1.4	0.06	0.27	<1	9	734	1.4	0.93	1	100	9.4	33	<5	45.9	14.6	0.11	44.7	15	613	3.85	10	14.6	890	112	107	1.66	9.9	3.4	305	0.1	18.5	0.6	2.3	93	1.3	15.3	148	0.2
C-272367	05DEN004_C	39.87091	-104.92661	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.11	1.11	1.19	2.69	0.23	0.79	0.03	0.11	<1	7	797	1.1	0.1	0.4	55.6	4.5	12	<5	12.6	10.6	0.03	28.8	9	301	0.51	8.3	9.5	500	27	117	0.36	4	1.1	206	<0.1	9.4	0.6	1.9	31	0.7	10.6	76	<0.2
C-272368	05DEN201_C	39.66769	-105.01583	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.67	1.87	3.74	2.62	0.74	0.92	0.07	0.32	<1	30	805	1.5	0.29	0.6	92.8	13.4	54	<5	58.8	15.1	0.07	42.2	17	738	1.08	13.3	16	1190	81.7	100	1.13	12.8	2.1	491	<0.1	11.8	0.5	2.2	113	1.1	19	131	0.2
C-272369	05DEN409_C	39.78271	-105.22058	8/25/2005	<2mm	0-5 in	WGS84	WGS84	0.03	6.42	3.47	8.38	2.68	1.89	1.28	0.06	0.68	<1	12	721	2.2	0.34	0.7	102	28.4	75	<5	65.8	19.8	0.1	45.3	22	1630	2.21	27.7	27	2200	57.4	118	0.61	30.5	2.4	709	<0.1	13.1	0.3	3.2	267	1.3	23.5	126	0.2
C-272370	05DEN099_C	39.68549	-104.94023	8/5/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.78	1.72	2.79	2.69	0.59	0.94	0.04	0.27	<1	18	812	1.8	0.22	0.4	101	9	23	<5	33.9	15.2	0.06	46.5	18	572	1.09	15.7	14.5	910	50	123	0.78	9.6	2.2	337	<0.1	14.3	0.7	3.2	70	1.2	21.4	86	0.2
C-272371	05DEN423_C	39.73979	-104.77246	8/24/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.06	0.85	1.93	2.67	0.46	1.09	0.07	0.17	<1	5	800	1.6	0.18	1	67.4	6.6	20	<5	22.7	13.4	0.06	32	15	383	1.06	10.2	12.4	460	64.7	117	0.72	6.4	2.5	207	<0.1	10.7	0.6	2.6	44	3.8	13.6	143	0.2
C-272372	05DEN186_C	39.75491	-105.09072	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.67	1.33	2.91	2.2	0.6	0.88	0.07	0.26	<1	7	692	1.4	0.5	1	133	9.5	35	<5	29.8	14.9	0.08	61.4	18	573	2.33	11.3	16.8	950	104	97.4	1.24	9.2	2.2	310	<0.1	22.1	0.6	3	80	1.5	19.1	325	0.2
C-272373	05DEN124_C	39.65341	-104.83051	8/9/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.05	0.62	1.62	3.18	0.3	0.83	0.04	0.18	<1	5	904	1.3	0.13	0.3	81.8	7.7	19	<5	17.5	13.3	0.05	37.1	13	406	1.09	16.2	10.2	620	33	140	0.54	5.6	1.6	216	0.1	12	0.7	2.5	46	1.2	15.3	60	0.2
C-272374	05DEN348_C	39.75355	-105.22126	8/10/2005	<2mm	0-5 in	WGS84	WGS84	0.15	5.31	1.39	2.78	2.37	0.54	1.29	0.06	0.22	<1	5	735	1.6	0.37	0.6	98.9	8.4	27	<5	30.6	13.9	0.07	43.4	13	556	1.44	9.2	14.2	870	163	94	1.2	8.9	2.9	298	<0.1	18.9	0.6	2.8	67	1.7	17.6	123	0.2
C-272375	05DEN405_C	39.61022	-104.90393	8/8/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.68	1.91	2.77	2.47	0.63	0.79	0.06	0.27	<1	8	785	1.6	0.2	0.5	93.5	9.6	28	<5	39.7	15.8	0.06	42.8	21	536	1.04	13.6	17.2	1340	25	115	0.76	8.6	2.1	327	<0.1	13.3	0.7	3.4	77	1.9	18.2	102	0.4
C-272376	05DEN415_C	39.76851	-104.82709	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.46	1.18	1.49	2.67	0.33	0.8	0.03	0.15	<1	12	822	1.1	0.14	0.2	85.3	7	17	<5	17.7	11	0.03	38.7	12	318	2.07	7.5	10.5	460	27.6	119	1.3	5	3	201	<0.1	13.4	0.6	2.4	40	1.2	12.9	56	<0.2
C-272377	05DEN014_C	39.81303	-104.97786	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.11	0.69	1.79	2.88	0.29	1.19	0.03	0.17	<1	11	721	1.4	0.72	1.3	132	5	21	<5	28.7	13.1	0.08	56.5	12	310	0.98	9.4	10.1	630	65.2	145	0.98	5.5	2	190	0.1	24.3	0.9	3.5	38	1.1	15.9	83	0.2
C-272378	05DEN456_C	39.78346	-104.8092	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.16	0.98	1.88	2.81	0.4	1.04	0.02	0.19	<1	6	871	1.6	0.12	0.2	117	6.7	19	<5	13.9	13.2	0.04	52.6	14	386	0.52	10.9	13.3	480	28.4	126	0.34	6.3	1.6	249	<0.1	20.9	0.8	2.8	50	0.9	16.1	46	<0.2
C-272379	05DEN276_C	39.59599	-104.95992	8/3/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	4.77	0.86	1.81	2.71	0.43	1.44	0.08	0.15	<1	14	742	1.4	0.16	0.7	74.4	4.8	29	<5	23.5	13	0.08	34.1	10	366	1.21	12.3	11.9	410	206	115	1.21	4.7	3	192	<0.1	11	0.5	2	35	6.1	12.9	151	<0.2
C-272380	05DEN437_C	39.66803	-104.77227	8/26/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	6.02	2.15	3.27	2.4	0.67	0.78	0.05	0.32	<1	10	946	1.7	0.22	0.4	136	11.4	31	<5	28.1	16	0.06	64.9	24	607	1.08	14.9	19.5	840	27	110	0.68	10.4	2.1	380	<0.1	21.8	0.6	3.9	97	1.4	22.9	84	0.2
C-272381	05DEN311_C	39.72469	-105.12886	7/22/2005	<2mm	0-5 in	WGS84	WGS84	0.02	5.95	1.35	3.27	2.8	0.51	1.18	0.13	0.27	<1	3	758	2.1	0.19	0.3	87.1	8.9	23	<5	24	12.8	0.07	37.4	14	554	0.83	15.6	13.7	730	79.8	108	0.6	8.6	2	311	<0.1	14.6	0.5	2.3	91	1.8	19.1	231	0.3
C-272382	05DEN096R_C	39.68227	-104.9972	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.7	5.27	1.03	2.4	2.96	0.43	0.97	0.09	0.24	<1	5	787	2.5	0.43	1.7	104	7.7	25	<5	35	13.2	0.14	43.8	16	494	9.48	27.9	13.3	1080	175	126	1.34	8	5.5	235	<0.1	16.4	0.6	4.8	55	1.7	25.7	255	0.7
C-272383	05DEN208_C	39.69674	-105.03606	7/29/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.73	1.96	3.47	2.35	0.78	0.85	0.08	0.31	<1	5	755	1.1	0.44	0.7	83.4	12.2	23	<5	36.4	13	0.07	41.9	16	742	1.37	12.1	14.8	2300	34	90.3	0.67	11.6	3.2	482	<0.1	9.7	0.5	2.3	101	1.3	22	122	0.3
C-272386	05DEN230_C	39.72452	-105.11178	7/22/2005	<2mm	0-5 in	WGS84	WGS84	0.1	7.08	1.52	4.75	2.6	0.82	1.07	0.06	0.41	<1	11	841	2.4	1.19	0.9	104	15.9	38	<5	64.8	16.8	0.14	50.1	19	835	1.63	13.7	19.6	930	116	112	2.19	15	2.3	443	0.2	15.9	0.6	2.8	146	1.9	25	202	0.3
C-272387	05DEN393_C	39.82645	-105.23974	8/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	7.12	4.26	6.22	2.62	3.48	1.81	0.04	0.47	<1	3	720	2.2	0.06	0.2	65.1	31.1	356	<5	58	15.6	0.06	29.7	13	1140	0.75	15.7	164	1790	21.6	91.1	0.19	25.8	1.5	675	<0.1	8.1	0.2	2	202	0.8	20.3	99	0.3
C-272388	05DEN233_C	39.71075	-105.09079	7/25/2005	<2mm	0-5 in	WGS84	WGS84	0.07	6.57	2.12	4.65	2.53	0.9	0.88	0.06	0.38	<1	7	790	2.1	0.56	0.8	93.8	15.6	34	<5	51.3	15.9	0.09	41.1	20	871	2.4	12.8	19	1210	97.1	102	1.07	14.6	2.2	421	<0.1	13.6	0.5	2.4	141	1.9	20.8	221	0.2
C-272389	05DEN371_C	39.71049	-105.18402	8/11/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6	1.1	3.32	2.14	0.54	1.18	0.04	0.28	<1	6	575	2	0.4	0.7	79.9	11.3	27	<5	23.9	14.9	0.07	35	15	500	0.62	9.4	14.1	790	48.5	96.7	0.53	11.7	1.9	167	0.1	13.5	0.4	3.1	97	1.3	18.4	90	0.4
C-272390	05DEN374_C	39.6685	-105.16964	8/10/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.9	1.16	2.84	2.08	0.78	0.51	0.04	0.23	<1	9	558	2	0.28	0.3	67.2	8.9	33	5	19.2	13.3	0.06	31.1	23	375	1.14	9.4	18.5	590	28.6	97.4	0.75	10.3	1.8	165	<0.1	11	0.6	2	96	1.1	15.6	83	0.4
C-272392	05DEN007_C	39.87015	-104.94059	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.02	6.17	1.29	2.51	1.89	0.63	0.59	0.06	0.24	<1	7	559	2	0.3	0.2	92.7	8.7	33	5	19.2	13.8	0.06	43.7	26	345	1.11	11.7	18.8	400	27.4	104	0.72	9.4	1.8	189	<0.1	12.8	0.6	3.3	87	1.2	18.5	83	0.5
C-272393	05DEN270_C	39.60968	-104.97878	8/2/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.16	1.24	2.3	2.86	0.45	1.05	0.06	0.22	<1	4	711	1.9	0.17	0.3	95.2	6.4	21	<5	21	12.3	0.05	48.8	14	438	1.02	18.4	12.3	580	42.3	115	0.52	6.7	2.2	214	<0.1	13.1	0.6	2.3	57	1.9	20.7	101	0.2
C-272394	05DEN119_C	39.653	-104.92268	8/5/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.03	0.89	2.15	2.68	0.42	1.19	0.08	0.18	<1	5	725	1.6	0.17	0.9	90.9	6.6	25	<5	22.9	12.4	0.06	40.3	12	387	2.24	12.1	11.4	550	209	118	0.93	6.2	2.6	211	<0.1	14.8	0.5	2.9	51	6	16.4	219	<0.2
C-272395	05DEN303_C	39.68048	-104.99597	8/2/2005	<2mm	0-5 in	WGS84	WGS84	0.04	5.43	1.13	2.45	3.19	0.43	0.96	0.05	0.26	<1	4	822	2	0.31	0.6	90.5	7.5	23	<5	21.8	12.9	0.09	39.9	13	532	5.82	21.1	11.2	970	95	131	0.73	7.5	3.4	292	<0.1	11.8	0.6	3.1	60	1.2	23.4	142	0.4
C-272396	05DEN157_C	39.81207	-104.99707	8/1/2005	<2mm	0-5 in	WGS84	WGS84	0.05	5.36	1.34	2.2	2.34	0.5	0.99	0.05	0.17	<1	6	574	1.7	0.39	0.6	73.2	6.6	33	<5	26.5	12	0.06	33.2	16	349	2.16	8.7	14	590	55.9	110	1.23	7.4	1.8	190	<0.1	13	0.6	2.4	58	1.2	14.3	156	0.3
C-272397	05DEN167R_C	39.76944	-105.05227	7/27/2005	<2mm	0-5 in	WGS84	WGS84	0.06	5.35	0.97	2.36	2.77	0.35	1.34	0.05	0.18	<1	5	705	1.5	0.41	0.9	129	5.4	36	<5	29.1	12.5	0.08	58.2	10	354	1.25	8.1	11.7	780	318	121	1.15	6.1	2.9	211	<0.1	25.4	0.6	3.1	53	2.2	15.3	207	<0.2
C-272398	05DEN050_C	39.75534	-104.9786	8/3/2005	<2mm	0-5 in	WGS84	WGS84	0.96	4.99	0.58	1.49	3.56	0.23	1	0.02	0.16	<1	4	869	1.6	0.17	0.5	110	4.4	18	<5	18.7	11.9	0.07	53.3	9	331	0.97	21.1	8.2	530	97.6	156	0.85	4.5	3.6	164	<0.1	18.4	0.7	3	32	0.9	21.4	162	<0.2
C-272399	05DEN173_C	39.81284	-105.07184	7/28/2005	<2mm	0-5 in	WGS84	WGS84	0.08	5.3	1.83	2.5	1.97	0.58	0.82	0.05	0.21	<1	7	615	1.6	0.62	0.9	72.6	8.2	33	<5	40.7	11.5	0.09	32.5	18	459	1.44	8.1	16.3	670	70.8	92.9	1.39	8	2.2	261	<0.1	10.8	0.5	2.5	68	1.3	15.2	228	0.4
C-272466	05DEN347_C	39.75376	-105.23979	8/29/2005	<2mm	0-5 in	WGS84	WGS84	<0.02	5.98	1.14	2.34	2.12	0.5	2.24	0.03	0.15	<1	2	661	1.9	0.43	0.1	62.2	6	17	<5	19.8	14.3	0.06	26.9	12	460	0.79	6.2	10	450	30.2	79	0.37	7.2	1.9	164	<0.1	10.1	0.4	2.3	40	2.3	16.3	82	<0.2