Table 3. Major- and trace-element data for <250-micron soils collected in Denver, Colorado, 2005.

[R suffix indicates duplicat sample

									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	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.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	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	ppm
C-272520	05DEN343_F	39.755	-105.203	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	7.21	2.06	4.87	2.77	0.98	1.12	0.07	0.4	<1	6	755	2.1	0.57	0.8	96.8	14.7	35	<5	53	16.5	0.1	45.2	18	837	1.87	18.3	16.4	1620	65.3	118	1.05	15.7	2.5	541	0.1	14.8	0.5	2.8	133	1.5	23.9	144	0.4
C-272521	05DEN380_F	39.771	-105.186	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.17	2.92	5	2.27	1.18	1.33	0.04	0.43	<1	4	852	1.6	0.24	0.3	115	15.7	35	<5	31.9	16.6	0.08	56.2	17	927	1.86	18.4	17.2	1320	45.3	91.8	0.59	16.1	2.9	588	<0.1	15.3	0.5	2.7	138	2.4	25.7	150	<0.2
C-272522	05DEN101_F	39.682	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.64	1.1	2.3	3.15	0.41	1.18	0.05	0.26	<1	4	823	1.9	0.18	1.8	156	6.4	22	<5	17.7	14.1	0.07	73.1	13	460	0.92	20.8	10.7	680	53.6	137	0.47	7	2.6	226	<0.1	26.8	0.7	4.2	57	1.4	27	95	<0.2
C-272523	05DEN066_F	39.726	-104.810	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.83	1.32	3	2.63	0.61	1.05	0.07	0.27	<1	5	771	1.7	0.18	0.4	129	8.9	35	<5	25.5	13.8	0.06	61.7	18	517	1.42	12.9	16.9	940	67.5	118	0.78	8.6	2.3	260	<0.1	19.6	0.5	3.3	80	2.1	22.3	131	0.3
C-272524	05DEN057_F	39.741	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.17	5.1	1.48	2.21	2.64	0.52	1.14	0.11	0.19	<1	30	723	1.4	0.25	1.3	103	6.6	39	<5	42.2	11.9	0.08	49.9	13	430	2.31	17	16.3	1130	265	115	2.2	6.8	4.5	197	<0.1	16.9	0.6	2.8	50	2.4	18.2	344	0.4
C-272525	05DEN152_F	39.814	-105.054	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.47	1.4	2.62	1.89	0.7	0.72	0.05	0.25	<1	10	584	1.5	0.53	0.8	88.5	8.2	33	<5	28.9	12.3	0.08	39.3	21	406	1.14	9.2	16.9	710	80.5	92.5	1.24	9.1	2	217	0.1	13.4	0.5	2.2	73	1.5	17	127	0.3
C-272526	05DEN433_F	39.682	-104.791	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.61	1.09	3.24	2.44	0.45	0.92	0.07	0.29	<1	4	753	1.5	0.14	0.4	88.9	9.9	28	<5	27.6	13.1	0.05	38.8	17	525	1.55	11.6	15.3	830	57.1	102	0.58	8.8	2.1	289	<0.1	12.7	0.5	3	96	1.7	17.2	132	0.4
C-272527	05DEN044R_F	39.770	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.17	4.76	1.05	1.88	2.66	0.36	1.23	0.11	0.16	<1	39	710	1.4	0.3	1.8	95.7	4.7	44	<5	32	11	0.07	49	9	297	2.41	10.8	14.9	1030	163	112	1.53	5.5	4.1	185	<0.1	16.5	0.6	3.2	44	1.8	16.6	158	0.2
C-272528	05DEN197_F	39.726	-105.018	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.1	5.54	0.95	2.55	2.98	0.45	1.35	0.06	0.26	<1	4	791	1.7	0.39	0.7	136	7.5	28	<5	27.5	13.5	0.07	63	13	499	2.16	25.3	14	630	238	128	1.13	7.2	7.6	213	<0.1	23.1	0.6	4	55	13.8	23.1	208	<0.2
C-272530	05DEN154_F	39.782	-105.053	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	1.03	5.3	1.72	3.21	2.64	0.46	1.14	0.08	0.2	7	7	712	1.3	2.03	8.3	175	7.7	81	<5	112	13.1	0.16	80	14	479	1.79	9.1	39.6	3610	172	129	2.02	6.7	19.6	237	<0.1	36.3	0.8	6	63	2.3	19.3	385	0.5
C-272531	05DEN339_F	39.726	-105.164	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.13	2.8	5.1	2.17	0.97	1.24	0.05	0.41	<1	4	814	1.5	0.19	0.3	92	16.9	27	<5	34.3	17.6	0.08	42.8	17	943	1.05	15.2	16.4	1210	29.3	92.2	0.55	15.8	2.2	614	<0.1	11.1	0.4	2.1	154	2.2	24.3	121	<0.2
C-272532	05DEN304_F	39.682	-104.996	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.29	1.89	3.25	3.01	0.67	1.03	0.05	0.32	<1	4	820	1.8	0.21	0.4	128	9.9	28	<5	25.9	14.6	0.07	59.5	18	601	4.22	23.4	15.4	1090	49.6	129	0.78	10.5	3.5	389	<0.1	18.7	0.7	3.4	83	1.4	28.9	122	0.3
C-272533	05DEN257_F	39.610	-105.057	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.34	1.43	2.61	2.25	0.7	0.96	0.08	0.22	<1	5	582	1.4	0.24	0.3	98.7	7.9	39	<5	25.6	13.2	0.07	47.4	19	455	1.41	11.7	18.4	730	50.3	105	0.88	8	3	191	<0.1	16.1	0.6	2.6	74	7.1	17.5	111	0.3
C-272534	05DEN094_F	39.697	-104.978	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.65	0.81	2.27	3.8	0.34	1	0.04	0.28	<1	4	900	1.7	0.21	0.5	139	5.9	22	<5	18.9	13.9	0.07	64.4	12	466	2.33	33.1	10	930	76.1	166	0.5	6.9	3.4	217	<0.1	19.8	0.7	4	50	1.4	33.6	113	0.3
C-272535	05DEN231_F	39.712	-105.110	7/22/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	7.21	2.93	4.75	2.42	1.04	1.11	0.05	0.39	<1	5	783	1.5	0.38	0.4	102	16.6	27	<5	48.5	17.3	0.1	50.3	19	882	1.14	15.3	16.3	1200	57.6	104	0.82	16.5	2.1	563	<0.1	13.1	0.5	2.5	137	1.5	24	143	0.2
C-272536	05DEN001_F	39.871	-104.864	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.68	1.75	2.31	2.63	0.57	1.03	0.03	0.23	<1	6	732	1.8	0.2	0.2	134	7.8	27	<5	16.9	13.9	0.05	64.9	19	422	1	12.8	16.3	700	30.9	130	0.49	8	2	208	<0.1	23.6	0.6	3.5	64	1.2	22.7	69	0.3
C-272538	05DEN412_F	39.753	-104.866	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.85	1.24	2.27	3.14	0.5	0.96	0.07	0.23	<1	4	822	1.6	0.16	0.3	104	7.9	22	<5	20.3	13.5	0.05	50.2	17	474	1.51	13.9	14.2	1120	33.9	136	0.38	7.4	1.9	248	<0.1	16.9	0.6	3.4	62	1.4	21.9	84	0.3
C-272539	05DEN419_F	39.754	-104.773	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	5.71	0.88	2.59	2.63	0.5	0.98	0.04	0.25	<1	5	787	1.6	0.19	0.3	128	8.4	31	<5	21.4	13.6	0.05	64	18	533	1.4	13.6	15.6	750	34.2	126	0.68	8.4	2.4	213	<0.1	18.8	0.6	3.7	67	1.6	21.1	111	0.3
C-272540	05DEN236_F	39.682	-105.109	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.32	2.36	4.68	2.14	0.8	0.98	0.05	0.42	<1	3	644	1.8	0.14	0.2	115	16	30	<5	36.5	16.6	0.07	56.1	16	596	1.63	14.8	16.2	1360	55.4	94.9	0.33	16.8	2	465	<0.1	13.8	0.5	2.5	135	1.5	29	117	<0.2
C-272541	05DEN275_F	39.595	-104.979	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.62	1.17	2.52	2.78	0.59	1.55	0.09	0.21	<1	3	769	1.5	0.42	0.6	95.1	7.5	47	<5	72.6	13.6	0.06	40.9	13	468	1.58	13.4	16.7	650	195	116	3.41	7.5	4.3	234	<0.1	12.2	0.6	2.3	55	12	17	217	<0.2
C-272542	05DEN077_F	39.711	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7	2.97	7.03	2.32	1.59	1.56	0.03	0.38	<1	4	487	2	0.26	0.3	96.6	31.2	34	16	52.2	18.6	0.12	44.7	28	1580	2.04	11.1	32.6	560	51.3	116	1.35	27.6	4.5	144	<0.1	14.7	0.5	2.6	192	2.4	50.1	252	<0.2
C-272543	05DEN298_F	39.606	-104.829	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5	1.1	2.38	2.91	0.53	1.13	0.03	0.2	<1	3	741	1.4	0.07	<0.1	90	7.3	14	<5	17.1	11.7	0.04	39.2	12	525	0.58	11.6	10.8	410	22.3	113	0.19	6.8	1.4	175	<0.1	15.3	0.6	2	62	0.8	19.3	57	<0.2
C-272544	05DEN267_F	39.580	-105.035	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.13	6.01	0.8	2.46	3.58	0.47	1.14	0.05	0.29	<1	3	896	2	0.18	0.4	178	7.3	27	<5	18.5	15.8	0.09	83	20	533	1.49	40.1	15.2	720	39.8	172	0.63	8	3.5	167	<0.1	24.9	0.6	4.6	50	2.5	41.4	124	0.3
C-272546	05DEN291_F	39.610	-104.885	8/9/2004	<250 microns	0-5 in	WGS84	WGS84	0.03	6.59	2.54	4.63	2.27	0.7	0.61	0.07	0.4	<1	5	1310	1.8	0.17	0.2	89.9	15.3	36	<5	31.3	16.6	0.07	40.2	23	641	1.24	15.8	20.9	1220	24	93.3	0.51	13	2	798	<0.1	11.5	0.4	3.7	154	1.6	20	102	0.3
C-272547	05DEN453_F	39.783	-104.829	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.05	1.04	2.37	2.68	0.37	1.02	0.05	0.23	<1	3	796	1.3	0.12	0.2	116	6.8	23	<5	13.8	11.5	0.04	50.6	11	452	0.91	15	11.9	1230	31.3	113	0.3	5.8	1.7	227	<0.1	18.2	0.4	2.9	65	0.9	20.6	74	<0.2
C-272548	05DEN424_F	39.725	-104.791	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.89	3.32	2.95	2.27	0.72	0.86	0.03	0.28	<1	6	752	1.6	0.19	0.2	135	9.8	29	<5	21.1	13.7	0.06	64.2	23	473	1.22	13.4	17.2	720	24.1	108	0.42	8.6	2	300	<0.1	20.8	0.6	4.3	87	1.2	22.4	77	0.2
C-272549	05DEN282_F	39.609	-104.925	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.69	1.55	2.96	2.08	0.67	0.72	0.05	0.26	<1	6	680	1.6	0.34	0.5	103	9.7	31	<5	24.9	13.4	0.06	49.2	21	527	1.82	11.8	18.1	920	27.9	103	0.62	9.1	2.3	277	<0.1	14.5	0.6	2.8	90	1.2	21.6	95	0.3
C-272550	05DEN358_F	39.798	-105.164	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.8	1.2	3.2	1.98	0.7	1.24	0.05	0.26	<1	7	515	2	0.79	0.5	79.4	10.2	44	5	36.9	13.4	0.08	35.5	27	560	1.72	8.3	21.5	870	44.8	97.4	0.89	10.7	2	203	<0.1	11.2	0.6	3.3	87	2	17.3	127	0.3
C-272551	05DEN045_F	39.772	-104.902	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.72	1.5	2.35	2.95	0.51	1.32	0.06	0.21	<1	4	764	1.6	0.21	0.7	154	7	33	<5	25.6	13.2	0.06	70.7	16	435	1.54	16.8	15.1	810	137	136	0.8	6.9	2.4	235	<0.1	28.5	0.5	3.9	58	2	23.6	115	<0.2
C-272553	05DEN184_F	39.784	-105.087	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.58	1.34	3.05	2.33	0.64	1.46	0.08	0.23	<1	7	634	1.3	0.79	1.3	110	11.7	56	<5	50.1	13.5	0.11	51.2	17	566	2.42	10.3	26.9	710	138	113	2.15	8.8	5.3	212	0.1	21.2	0.6	3.1	74	2.6	16.6	304	<0.2
C-272554	05DEN238_F	39.670	-105.110	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.47	2.64	4.56	2.09	1.03	0.86	0.05	0.38	<1	4	644	1.5	0.13	0.2	92.3	18.6	38	<5	31.1	15.2	0.07	40.9	17	769	0.91	14.1	21	1180	67.4	88.7	0.48	16	2.1	606	<0.1	10.6	0.5	2	141	1.6	22.1	120	0.2
C-272555	05DEN113_F	39.668	-104.978	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.29	0.87	2.4	3.15	0.39	1.13	0.05	0.23	<1	5	828	1.6	0.25	0.7	138	6.8	39	<5	24.8	12.9	0.06	66.3	12	443	3.38	20.2	11.7	770	267	135	0.69	6.4	2.9	249	<0.1	21.8	0.7	3.9	58	2.4	23.6	136	<0.2
C-272556	05DEN198_F	39.711	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.67	3.48	4.55	1.94	1.07	1.23	0.05	0.38	<1	5	947	1.4	0.12	0.2	111	15.3	33	<5	23.3	15.7	0.07	53.9	19	991	1.28	15.4	24	1300	36.6	84.7	0.54	14	2.3	814	<0.1	13	0.3	2.7	127	1	25	128	<0.2
C-272557	05DEN168_F	39.752	-105.053	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.41	5.63	1.57	2.87	2.69	0.58	1.07	0.08	0.25	1	6	771	1.5	0.6	1.4	112	9	33	<5	48.3	13.1	0.11	52.8	15	654	1.81	15.1	16.8	1350	133	116	1.82	8.3	9.2	309	<0.1	17.8	0.6	3.3	73	1.7	20.5	258	0.3
C-272558	05DEN383_F	39.783	-105.184	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.48	4.73	4.91	2.18	1.09	1.01	0.05	0.42	<1	5	684	1.7	0.26	0.3	86.2	15.5	34	<5	41.6	15.1	0.08	39.6	20	809	1.47	15.6	18.4	1310	25.3	91.9	0.6	16.4	1.8	521	<0.1	11.2	0.4	2.2	171	1.2	20.2	116	<0.2
C-272559	05DEN381_F	39.773	-105.166	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.36	1.32	3.62	2.94	0.76	1.56	0.05	0.25	2	4	691	1.6	0.32	0.3	179	10.6	41	<5	40.6	16.6	0.08	82.3	21	607	1.67	13.3	20.3	950	45.5	156	0.62	9.9	3.5	256	<0.1	33.5	0.6	3.8	75	1.5	20.6	128	<0.2
C-272560	05DEN342_F	39.753	-105.185	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.36	3.16	5.59	3.13	1.53	1.83	0.03	0.45	<1	4	815	2.2	0.13	0.4	104	20.1	43	<5	61.8	16.8	0.06	51.2	18	1100	3.06	23.2	20	2080	141	134	0.43	18.9	2.4	677	<0.1	15.5	0.3	3.2	175	2.2	22.2	113	<0.2
C-272561	05DEN403_F	39.856	-105.129	8/31/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	4.2	0.53	1.8	1.52	0.33	0.47	0.03	0.25	<1	8	560	1	0.19	0.2	75.2	7	17	<5	11.1	8.87	0.04	34	14	350	1.24	8	11.4	440	25	76.9	0.5	6.7	1.2	96.2	<0.1	10.7	0.5	2.3	53	0.7	14.9	62	0.4
C-272562	05DEN195_F	39.871	-105.109	8/31/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	4.59	1	1.96	1.67	0.47	0.6	0.03	0.19	<1	8	523	1.3	0.5	0.4	114	7.5	27	<5	24.9	10.6	0.06	56.1	19	364	0.98	7.3	17.1	570	34	91.9	0.96	6.7	1.4	146	<0.1	18.4	0.6	3.4	67	1	17.7	86	0.5
C-272567	05DEN009_F	39.857	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.59	0.96	2.34	3.03	0.38	1.47	0.08	0.17	<1	3	750	1.4	0.22	0.7	92.8	6.1	47	<5	29.1	12.8	0.06	40.8	13	347	2.95	13.1	20.9	720	247	110	1.31	5.3	3.2	228	<0.1	15.5	0.6	3.1	46	2.3	16.2	220	0.2
C-272568	05DEN420_F	39.756	-104.791	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.48	1.08	2.43	2.59	0.54	0.92	0.05	0.22	<1	5	763	1.7	0.24	0.3	120	8.4	35	<5	21.1	13.6	0.05	56.6	19	445	1.22	13.1	17.9	830	40.3	119	0.54	7.8	2.2	217	<0.1	19.4	0.7	3.6	63	1.3	19.6	89	0.3
C-272569	05DEN011_F	39.871	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.38	2	2.91	1.6	0.67	0.59	0.04	0.24	<1	5	633	1.2	0.19	0.2	73.9	9.4	22	<5	14.5	14	0.06	34.6	22	565	1.34	10.5	16.5	520	23.1	86.6	0.51	10.3	1.6	266	<0.1	8.9	0.6	3.4	80	0.9	20.3	79	<0.2
C-272570	05DEN150_F	39.842	-105.054	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.97	1.39	2.39	1.98	0.62	0.88	0.09	0.21	<1	4	551	1.2	0.25	0.6	81.5	7.7	35	<5	28.8	11.5	0.05	35.2	17	367	1.65	9.6	20.3	910	46.9	96	1.24	7.5	2.3	184	<0.1	12.4	0.4	2.6	68	1.7	15.9	129	0.3
C-272571	05DEN075_F	39.725	-104.978	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.16	5.51	1.05	2.36	3	0.44	1.13	0.08	0.23	1	7	825	1.7	0.52	1.4	125	7	30	<5	34.9	13.3	0.11	60.9	13	498	2.67	19.2	12.9	1030	214	130	1.68	6.5	5.1	211	<0.1	23.5	0.7	3.6	58	2.4	20.7	324	0.3

									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	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
Lab No.	Field No.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	Datum	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
									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	ppm
C-272572	05DEN252_F	39.609	-105.073	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.99	0.97	2.24	1.98	0.57	0.55	0.05	0.2	<1	8	548	1.3	0.22	0.4	92	7.5	26	<5	18.7	11.6	0.05	41.7	22	363	1.31	8.7	18.6	670	37.9	103	0.72	7.6	1.9	153	<0.1	14.2	0.4	2.8	74	1.1	18.7	74	0.3
C-272573	05DEN013_F	39.828	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.45	1.3	2.14	2.35	0.51	1.39	0.07	0.17	<1	6	683	1.2	0.41	0.7	86	7.2	26	<5	38.6	11.7	0.2	37	15	422	1.63	8.5	13.6	580	50.1	109	2.03	7.1	3.2	253	<0.1	14	0.5	2.4	51	5.3	15.3	174	<0.2
C-272574	05DEN028_F	39.827	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.56	1.65	2.74	2.54	0.7	1.76	0.05	0.23	<1	2	693	1.3	0.1	0.3	58.1	8.2	25	<5	26.1	12.3	0.05	31.3	10	515	1.83	10.2	13.6	520	36.3	99.1	0.47	9.1	2	192	<0.1	8.9	0.4	1.9	63	1.2	17.3	119	<0.2
C-272576	05DEN013R_F	39.828	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	6.28	1.12	2.78	3.07	0.55	1.36	0.05	0.27	<1	10	877	1.8	0.59	2.3	175	8.9	31	<5	41.6	16.4	0.13	79.9	19	545	1.43	20.7	17.1	1090	70.8	147	1.25	8.6	3.3	274	0.1	26.9	0.6	5.3	67	2.7	26.8	159	0.2
C-272577	05DEN404_F	39.610	-104.943	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.47	4.33	3.87	2.22	0.55	0.59	0.04	0.35	<1	4	754	1.3	0.19	0.3	106	11.7	22	<5	20.3	13	0.05	51.4	20	734	1.18	12.7	17.1	810	19.5	92.6	0.4	8.8	1.7	406	<0.1	14.6	0.4	4.1	116	1.2	22.4	82	<0.2
C-272578	05DEN017_F	39.783	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.2	1.19	2.29	2.97	0.44	1.25	0.07	0.2	<1	8	827	1.5	0.38	3.9	109	16.8	44	<5	44.5	12.4	0.21	53.7	21	575	8.91	16.7	28.7	1000	344	129	2.4	6.3	7.1	209	0.2	19.7	0.8	2.8	48	2.2	18.8	402	0.2
C-272579	05DEN438_F	39.652	-104.811	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.04	0.79	2.19	3.5	0.41	1.02	0.03	0.22	<1	3	943	1.5	0.18	0.3	89.4	16	30	<5	17.3	14.1	0.05	38.8	21	382	0.92	15.6	23	660	38.1	153	0.47	6.7	1.8	238	<0.1	16.6	0.6	2.5	61	1.1	18.3	73	<0.2
C-272580	05DEN016_F	39.785	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	5.11	1.27	2.13	2.9	0.42	1.31	0.08	0.17	<1	6	857	1.4	0.55	7.1	94	5.8	29	<5	44.5	12.1	0.22	41.9	11	420	4.05	18.1	12.6	860	308	126	2.24	5.8	6.4	215	0.2	14.7	0.9	2.5	43	2.5	18.2	313	0.3
C-272581	05DEN036_F	39.798	-104.882	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.19	2.77	2.38	2.91	0.46	1.32	0.06	0.22	<1	3	773	1.2	0.12	0.5	103	6.8	38	<5	21.7	12.1	0.04	44.9	14	475	2.14	18.1	14.1	620	37	125	0.72	6.1	2.8	343	<0.1	16.5	0.4	2.5	60	1.6	17.2	118	<0.2
C-272582	05DEN410_F	39.783	-105.203	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	7.25	1.61	4.93	2.61	0.92	1.2	0.04	0.43	<1	7	813	2.2	0.24	0.3	95.5	16.9	55	5	49.9	17.6	0.07	45.9	27	904	1.58	18.8	22.3	1330	32	136	0.54	17.7	2.2	393	<0.1	13.9	0.5	3.6	161	1.4	23.1	127	0.3
C-272583	05DEN397_F	39.856	-105.225	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6	1.74	2.78	2.03	0.69	0.65	0.05	0.24	<1	11	588	1.7	0.41	0.7	75.9	9.7	45	5	22	13.6	0.06	34.4	30	419	1.34	9.3	23	590	40.1	112	0.93	9.6	2.4	119	<0.1	12.3	0.6	2.1	94	1.4	18.4	136	0.5
C-272584	05DEN143_F	39.812	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.37	1.28	2.52	2.31	0.53	1.02	0.05	0.2	<1	6	625	1.3	0.34	0.5	141	7.4	35	<5	23	12.7	0.07	65.6	18	379	1.31	8.9	16.3	870	157	116	1.09	7.5	3.2	207	<0.1	31.7	0.6	3.5	67	1.3	19.4	126	0.3
C-272585	05DEN158_F	39.827	-104.996	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.29	2.52	2.23	2.08	0.47	0.82	0.05	0.21	<1	5	664	1.3	0.3	0.8	92.8	7	30	<5	18.2	11.7	0.05	41.4	18	400	1.44	10.4	14.6	1010	58.5	97.7	0.98	6.9	1.7	230	<0.1	13.3	0.6	3	65	1.3	17.2	109	0.3
C-272586	05DEN213R_F	39.725	-105.054	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.89	2.35	3.95	2.15	0.79	0.98	0.09	0.31	<1	5	658	1.3	0.31	0.6	101	12.6	35	<5	32.3	14.2	0.08	43.4	16	694	1.94	16.9	17.5	1060	215	96.1	1.08	11.8	2.6	416	<0.1	13.3	0.5	2.6	118	3.6	21.8	187	0.2
C-272587	05DEN083_F	39.711	-104.866	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.9	2.22	2.67	2.79	0.65	1.15	0.2	0.24	<1	4	718	1.5	0.14	0.3	114	8.3	29	<5	25.6	13.2	0.05	54.3	20	469	1.41	13.7	16.4	830	47.8	123	0.64	8.1	2.3	271	<0.1	17.6	0.6	3.8	69	1.7	21.4	108	0.2
C-272588	05DEN057R_F	39.741	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.15	5.24	1.33	2.24	2.7	0.5	1.04	0.11	0.2	<1	7	712	1.4	0.29	0.8	99.2	11.5	44	<5	34	12.1	0.06	48.4	19	401	1.9	15.5	22.3	1430	136	120	1.77	6.9	5.5	197	<0.1	17.1	0.6	2.9	56	1.7	19.3	203	0.3
C-272589	05DEN202_F	39.654	-105.015	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.24	1.39	3.58	2.74	0.79	1.04	0.08	0.29	<1	4	775	2	0.35	0.8	106	10.5	41	<5	51.3	15	0.1	52.7	22	649	2.66	21.9	21.5	1020	95.2	127	1.43	10.7	6.2	325	<0.1	14.7	0.5	3.1	80	2.8	25.1	216	0.4
C-272590	05DEN086_F	39.697	-104.828	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.15	1.53	2.82	3	0.59	1	0.06	0.25	<1	6	816	1.4	0.5	0.5	100	9.9	35	<5	32.7	14.2	0.07	43.8	20	515	1.47	14.3	20	1010	51.6	134	1.14	8.3	4	269	<0.1	17.4	0.7	3.1	78	2.9	18.8	163	0.3
C-272591	05DEN296_F	39.596	-104.848	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.31	1.55	2.67	2.51	0.55	1.04	0.11	0.24	<1	3	859	1.4	0.99	0.7	97.5	11.3	36	<5	38.2	12.4	0.06	41.5	17	571	1.15	26.2	19.5	1420	43.7	110	0.72	7	2.5	345	<0.1	13.5	0.6	3.5	76	3.2	18.4	135	0.4
C-272592	05DEN128_F	39.639	-104.923	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.42	1.51	3.72	2.33	0.7	0.8	0.07	0.31	<1	5	850	1.4	0.2	0.4	106	11.9	35	<5	139	14.2	0.06	50.6	29	758	1.82	12.7	18.1	1090	37.6	106	0.61	10.2	2	401	<0.1	14.1	0.6	2.9	105	1.4	24	161	0.2
C-272593	05DEN265_F	39.596	-105.016	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.52	1.04	2.88	2.72	0.54	0.94	0.06	0.28	1	3	852	3	0.47	0.5	147	7.4	27	<5	25.5	16.6	0.08	63.1	18	641	1.52	35.7	12.8	1250	49.7	148	0.62	9.2	5.2	232	<0.1	23.8	0.7	3.9	68	1.6	37.4	118	0.4
C-272594	05DEN416_F	39.769	-104.810	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.87	1.15	2.32	2.48	0.43	1.22	0.06	0.17	<1	3	866	1.8	0.32	0.5	105	5.9	26	<5	35.1	12.4	0.04	39.2	12	435	2.58	11.9	12.4	630	40.3	121	1.46	5.1	2.5	209	<0.1	18.7	0.6	2.5	52	4.1	17.4	200	<0.2
C-272595	05DEN097_F	39.682	-104.979	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.43	0.81	2.34	3.18	0.34	0.99	0.05	0.28	<1	12	955	2	0.34	1.1	112	7.2	27	<5	28.8	15.1	0.08	48.9	13	547	7.64	35	15.1	1060	201	166	1.14	6.5	4.5	225	<0.1	18.9	0.8	3.6	60	2.1	27.6	175	0.3
C-272596	05DEN313_F	39.696	-105.129	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.36	3.35	4.57	1.81	0.99	1.37	0.06	0.35	<1	3	714	1.8	0.18	0.3	77.3	12.6	26	<5	29.6	18.2	0.06	32	14	993	1.24	13.3	16.2	1370	70.7	72	0.44	12.5	2	699	<0.1	11.6	0.5	2.3	119	1.1	23	123	<0.2
C-272597	05DEN367_F	39.711	-105.148	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	7.79	2.09	5.48	2.44	0.77	0.67	0.05	0.44	<1	3	1040	2.6	0.31	0.3	91.3	17.4	21	<5	43.5	20.6	0.08	37.7	20	925	0.84	18.6	14.9	1190	67.5	126	1.21	15.4	2.1	391	<0.1	13.4	0.7	2.5	172	1.4	23.2	139	<0.2
C-272599	05DEN193_F	39.842	-105.111	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.28	1.69	2.47	2	0.62	1.02	0.06	0.2	<1	6	641	1.9	0.6	0.6	82.5	7.8	46	<5	30.4	14	0.06	33.6	18	417	1.53	9.7	17.7	680	167	112	1.29	7.4	2.9	196	<0.1	14.9	0.6	2.1	71	1.6	16.9	152	0.3
C-272600	05DEN171_F	39.784	-105.071	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.9	1.25	3.28	2.43	0.6	1.2	0.07	0.22	<1	6	744	1.8	0.61	1.2	186	8.7	39	<5	40.9	16.7	0.1	76.2	15	595	2.33	10.2	15.6	1540	169	136	1.88	8.7	3.5	281	0.1	42.1	0.8	5.1	78	2.2	22.9	199	0.3
C-272602	05DEN379_F	39.755	-105.164	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.77	2.71	5.52	2.3	1.02	1.15	0.06	0.44	1	4	842	2.4	0.46	0.4	93.6	17.3	27	<5	49.2	21	0.09	38.3	18	1040	1.02	17.1	15.9	1740	41.2	123	0.73	16.1	4	634	<0.1	12.7	0.6	2.1	173	1.6	22.9	145	<0.2
C-272603	05DEN463_F	39.841	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.42	2.59	5.34	2.2	0.99	1.08	0.06	0.42	<1	4	781	2.1	0.37	0.4	88.3	17.5	28	<5	48	19.7	0.09	36.9	18	985	1.1	16.5	17.4	1610	40.6	120	0.68	15.4	8.1	607	<0.1	12.2	0.5	2	165	1.5	22.3	136	0.3
C-272604	05DEN134_F	39.784	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.84	0.97	2.02	2.8	0.36	1.49	0.02	0.14	<1	3	672	1.7	0.31	0.4	126	4.8	23	<5	14.1	14.3	0.05	52	11	316	0.68	7.2	9.9	1010	54.3	144	0.61	5.6	1.9	217	<0.1	26.4	0.9	3.4	45	0.9	15.5	76	<0.2
C-272605	05DEN055_F	39.740	-104.999	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.49	5.76	1.18	2.68	2.87	0.42	1.02	0.04	0.29	2	6	966	2.4	0.47	1	150	8.3	24	<5	54.5	15.8	0.13	63.4	14	730	1.4	27.7	13.6	870	200	143	2.92	6.9	11.6	236	<0.1	25.5	0.8	4.1	68	1.7	28	468	0.3
C-272606	05DEN317_F	39.639	-105.148	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.19	3.62	3	1.87	1.03	0.76	0.04	0.22	<1	9	595	2.1	0.39	0.3	66	8.8	40	6	20.9	16.2	0.06	28.8	32	354	1.43	9.8	22.2	680	33.3	107	0.93	9.5	2.2	186	<0.1	11.7	0.7	2.6	111	1.7	17	87	0.5
C-272607	05DEN215R_F	39.695	-105.054	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	6.42	2.17	4.65	2.23	0.88	1	0.07	0.37	<1	6	836	1.8	0.43	0.7	119	13.6	27	<5	37.2	16.9	0.08	52.6	16	910	1.12	12.4	16.7	1640	100	100	1.18	13.1	2.9	542	<0.1	19.6	0.6	2.7	147	1.2	23.4	161	0.3
C-272609	05DEN052_F	39.755	-104.939	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.12	5.72	1.29	2.5	2.5	0.58	1.09	0.07	0.22	<1	31	784	2.1	0.4	1.2	139	7.3	33	<5	23.7	15.1	0.07	61.2	17	507	1.44	14.8	16	1240	411	135	1.45	7.6	4	219	<0.1	27.6	0.8	4.2	64	1.9	23.4	204	0.3
C-272610	05DEN331_F	39.842	-105.148	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.35	2.38	2.68	1.79	0.71	0.65	0.05	0.23	<1	7	689	1.9	0.47	0.6	87.6	9	27	<5	27.4	14.5	0.06	35.2	19	511	4.58	9.1	17	870	53.2	96.2	1.07	9	2.5	192	<0.1	14.6	0.6	2.3	87	1.4	18.6	113	0.3
C-272611	05DEN324_F	39.755	-105.128	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	6.37	2.66	4.02	1.93	0.95	1.04	0.09	0.32	<1	6	767	1.7	0.6	0.6	97.9	12.9	32	<5	36.8	17.1	0.08	37.9	16	806	1.28	12.9	16	1460	109	92.8	1.2	13	2.7	501	<0.1	14.3	0.5	2.6	126	1.5	21.8	152	0.3
C-272612	05DEN408_F	39.813	-105.174	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.92	1.48	4.21	2.14	0.9	1.19	0.04	0.31	<1	9	641	2.8	0.82	0.5	139	14.6	90	6	42.3	19.2	0.09	58.9	31	725	1.77	10.5	36.2	1020	45.4	116	1.32	12.9	2.6	214	<0.1	30.4	0.6	3.5	131	3.2	24.6	131	0.3
C-272613	05DEN149_F	39.871	-105.053	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	4.86	1.67	2.25	1.6	0.56	0.69	0.05	0.19	<1	4	638	1.5	0.24	0.4	81.9	7.1	27	<5	17	12.1	0.04	32.3	17	400	0.99	7.3	14.5	750	27	77.8	0.7	7.1	3.1	282	<0.1	13	0.5	2	68	1	16.8	74	0.3
C-272614	05DEN012R_F	39.842	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.43	2.38	2.52	1.85	0.62	0.85	0.06	0.21	<1	6	666	1.9	0.4	0.9	94.9	7.8	30	<5	22.6	14.1	0.06	43.7	19	453	1.22	9.8	15.4	940	99.3	97.4	1.13	8.1	2.4	268	<0.1	15.7	0.6	2.6	73	1.6	20.5	590	0.3
C-272615	05DEN292_F	39.624	-104.883	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.95	1.38	4	1.99	0.51	0.52	0.03	0.35	<1	3	611	2.3	0.19	0.2	87.6	11.9	27	<5	34.2	18.8	0.06	37.4	21	416	1.17	14.5	16.2	1560	18.2	115	0.52	13.7	1.9	246	<0.1	12.2	0.7	4.8	132	1.3	24.5	92	<0.2
C-272616	05DEN262_F	39.595	-105.035	8/31/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.11	0.92	2.31	1.95	0.53	0.61	0.05	0.21	<1	5	601	2.1	0.31	0.4	103	7.2	21	<5	19.8	14.4	0.06	42.9	19	454	1.29	16.2	15.8	870	29	117	0.66	8.4	3.9	154	<0.1	15.2	0.7	3.5	67	1.1	25	80	0.3
C-272622	05DEN214_F	39.711	-105.054	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	7.08	5.9	5.08	1.57	1.27	1.2	0.04	0.41	<1	4	867	1.6	0.21	0.3	98.9	15	23	<5	23.1	17.8	0.06	40.5	18	1000	0.78	13.8	15.5	1560	35.2	60.3	0.49	14.3	2.5	787	<0.1	11.7	0.4	2.2	163	0.9	24	114	<0.2
C-272623	05DEN015R_F	39.799	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.9	2.68	2.16	2.25	0.97	1.35	0.06	0.15	<1	3	672	1.8	4.7	2.5	70.3	4.7	18	<5	23.6	13.8	0.08	28.6	12	464	1.79	11.7	9.7	510	38.4	106	0.78	5.9	7.1	166	0.2	13.3	0.6	2.1	43	1.2	14.5	130	0.3
C-272624	05DEN370_F	39.696	-105.184	8/11/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.6	1.36	4.11	2.22	0.59	0.96	0.06	0.35	<1	6	798	1.9	0.49	1.1	96.4	21.9	32	<5	29.6	17.1	0.07	39.8	20	719	1.34	12.7	26.3	1550	63.2	109	0.74	12.2	2.1	453	0.1	14.5	0.5	3.4	125	1.4	23	104	0.6
C-272625	05DEN430_F	39.697	-104.791	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.19	1.4	2.98	2.25	0.51	0.99	0.1	0.23	<1	9	971	1.7	0.22	0.6	85.9	8.4	29	<5	23.1	14.1	0.05	36	14	511	2.01	10.7	14.7	1300	52	114	0.93	8.1	3.1	294	<0.1	12.7	0.6	3.2	88	2	19	114	0.3
C-272626	05DEN078_F	39.711	-104.978	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.33	2.52	2.65	2.49	0.56	1.02	0.06	0.25	<1	6	819	2.1	0.22	1.9	134	7.3	25	<5	21.6	15.4	0.06	59	15	529	1.48	24	13.8	1290	71.8	131	0.82	8.1	3.4	277	<0.1	20.6	0.7	3.7	72	1.9	30.2	126	0.2
C-272627	05DEN332_F	39.857	-105.148	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.6	2.19	2.55	2	0.57	1.03	0.04	0.2	<1	5	620	1.8	0.33	0.4	118	19	43	<5	32.7	14.6	0.05	53	27	432	1.34	8.8	32.8	750	49.8	116	0.72	8.2	1.9	195	<0.1	22	0.7	2.5	72	1.2	16.9	90	0.3

									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	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	Se Hyd
Lab No.	Field No.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	Datum	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
									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	ppm
C-272628	05DEN145_F	39.842	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.86	1.31	2.68	2.15	0.55	1.36	0.1	0.18	<1	3	693	1.5	0.18	0.6	91.1	7.4	44	<5	30.3	13.2	0.05	32.9	11	466	1.73	9.7	17.9	670	109	110	1.51	7.1	6.3	217	<0.1	25.3	0.5	4.1	65	4.7	16.8	179	<0.2
C-272629	05DEN290_F	39.595	-104.887	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.49	1.66	3.87	2.17	0.67	0.73	0.08	0.32	<1	4	954	1.9	0.26	0.6	106	12.8	35	<5	30.7	17.3	0.06	47.8	21	676	1.55	14.4	21.7	1690	29.2	115	0.7	11.3	2.2	429	<0.1	17.7	0.6	3.9	133	2.2	20.4	130	0.3
C-272630	05DEN363_F	39.842	-105.183	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	3.7	0.91	1.26	1.15	0.46	0.23	0.02	0.13	<1	7	409	1.4	0.21	0.3	43.7	5.8	19	<5	10.8	8.96	0.03	20.9	15	161	1.47	4.9	15.2	420	12.4	60.7	0.68	5.2	2.1	90.2	<0.1	7.2	0.5	2.3	61	0.7	12.4	43	0.3
C-272631	05DEN044_F	39.769	-104.923	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.3	5.19	1	1.98	2.5	0.41	1	0.07	0.18	2	198	799	1.9	0.52	2.2	111	6.3	43	<5	29.6	14.2	0.07	49.1	13	435	1.79	13.6	15.2	1170	130	137	4.84	6.5	4.9	193	<0.1	20	0.7	3.3	52	1.2	20.4	125	0.3
C-272632	05DEN255_F	39.581	-105.051	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.02	2.97	2.82	2.32	0.71	0.75	0.03	0.24	<1	7	768	2.3	0.26	0.5	111	8.9	26	<5	20.3	16.4	0.06	47.5	25	517	1.66	13.9	20.9	770	24.7	132	0.8	9.5	2.7	213	<0.1	17.1	0.8	3.3	90	1.2	24.7	77	0.2
C-272633	05DEN258_F	39.610	-105.035	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.86	0.83	2.52	2.14	0.49	0.75	0.05	0.23	<1	5	751	1.9	0.24	0.6	96.3	8.3	27	<5	17.5	13.6	0.05	39.6	15	552	2.89	13.6	15	840	53.3	109	0.75	8.2	2.4	227	<0.1	13	0.6	3.7	77	1.5	21.7	99	0.3
C-272634	05DEN337_F	39.741	-105.146	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.85	1.06	2.71	2.79	0.48	1.07	0.04	0.29	<1	4	968	2.2	0.24	0.6	158	7.9	21	<5	17.1	16.2	0.06	69.8	14	609	0.78	24.1	11.7	1110	33.9	135	0.47	8.4	2.7	295	<0.1	25.2	0.8	4.1	73	1.1	28.7	78	0.3
C-272635	05DEN387_F	39.871	-105.149	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.97	1.65	3.22	2.27	0.96	1.4	0.07	0.22	<1	4	638	2	0.21	0.3	100	10.3	31	<5	25.2	16.1	0.05	40.4	18	611	1.11	10.4	21.8	810	51.5	117	0.95	10.4	3.4	232	<0.1	16.8	0.6	2.7	94	1.5	20	100	0.3
C-272637	05DEN222_F	39.668	-105.070	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.59	2.06	4.23	2.14	1.03	0.94	0.08	0.32	<1	3	939	1.7	0.22	0.3	86	13.6	29	<5	28	17.8	0.06	34.6	18	938	1.46	11.9	17.2	1620	35.7	102	0.45	14.1	2.9	691	0.1	11.3	0.5	2	127	1.8	21.2	106	0.3
C-272638	05DEN170_F	39.769	-105.072	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	4.89	1.85	2.38	2.06	0.81	1.04	0.12	0.17	<1	4	550	1.8	0.53	0.9	96.2	5.5	31	<5	51.9	14.5	0.06	37.3	16	498	1.52	8	14.9	1330	103	106	1.4	6.8	2.7	255	0.2	19.6	0.6	2.9	52	1.9	15.6	197	0.3
C-272639	05DEN090_F	39.696	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.76	0.76	1.98	2.9	0.41	1.04	0.06	0.22	<1	4	886	2.1	0.25	0.9	111	6	22	<5	19.1	15.4	0.05	49.2	13	442	1.6	17.9	11.2	860	63.2	149	0.63	6.7	2.3	213	<0.1	17.6	0.7	3.7	50	1.4	22.3	155	0.3
C-272640	05DEN014R_F	39.813	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.88	1.04	2.63	2.73	0.44	1.26	0.04	0.21	<1	7	765	1.8	0.61	1	168	6.7	31	<5	29.2	16.2	0.08	71.4	15	458	1.74	11.9	13.8	1000	52.3	156	0.99	7.2	2.2	225	<0.1	32.3	0.9	4.2	65	1.2	22.6	105	0.3
C-272641	05DEN060_F	39.740	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.22	1.17	2.27	2.42	0.5	1.27	0.11	0.18	<1	5	806	2	0.24	1.1	101	6.2	33	<5	32.6	14.4	0.06	44.7	13	437	2.32	11.2	15	1050	328	119	1.34	6.1	3.4	203	<0.1	17.1	0.6	2.9	55	2.8	17.6	263	0.2
C-272642	05DEN135_F	39.769	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.16	5.86	1.25	2.94	2.38	0.57	1.16	0.06	0.22	<1	8	731	1.9	0.85	1.5	139	8.1	34	<5	46	16.2	0.13	60	16	545	1.5	10	16.2	1370	224	126	1.77	8.5	5.2	243	0.1	26.5	0.8	3.5	72	2.2	20.9	256	0.3
C-272643	05DEN268_F	39.624	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.14	0.91	2.13	2.71	0.38	1.11	0.06	0.21	<1	3	795	1.7	0.28	0.5	95.6	6.1	23	<5	18.4	13.3	0.05	36.3	12	475	1.03	17.1	10.5	920	47.4	133	0.67	6	2.1	208	<0.1	15.3	0.7	3.5	54	2.5	22.6	88	0.2
C-272644	05DEN103_F	39.682	-104.866	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.73	0.53	1.42	3.73	0.25	1.13	0.02	0.18	<1	2	1010	2	0.14	0.3	93.7	4	9	<5	8.8	15.1	0.03	38.1	8	315	0.45	18.6	6.7	450	35.9	179	0.36	4.5	1.3	200	<0.1	15.2	0.7	2.6	38	1	21.5	50	<0.2
C-272645	05DEN037_F	39.798	-104.864	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.29	0.76	2.01	2.94	0.27	1.29	0.02	0.19	<1	2	893	1.8	0.11	0.2	112	5.1	16	<5	10.2	13.4	0.03	47.7	9	383	0.76	13.8	9.4	600	30.9	141	0.3	4.9	2.3	222	<0.1	20.3	0.6	2.5	53	0.8	18.3	122	<0.2
C-272646	05DEN167_F	39.770	-105.053	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.36	5.81	1.15	2.99	2.6	0.46	1.35	0.07	0.2	2	107	761	1.6	1.38	1.6	157	6.7	37	<5	61.4	15.1	0.17	64	12	526	1.36	9.9	14	1200	407	132	5.11	6.9	7	245	0.1	32	0.8	4.4	67	2.6	19.9	290	0.2
C-272647	05DEN112_F	39.668	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.4	1.26	3.36	3.01	0.57	1.12	0.05	0.32	<1	5	935	2	0.24	0.4	122	9.2	29	<5	31.1	16.9	0.06	52.9	16	627	1.32	20.5	13.9	970	136	148	0.65	9.6	2.3	370	<0.1	19.1	0.7	3.1	98	1.8	27.8	113	0.2
C-272648	05DEN039_F	39.784	-104.847	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.83	0.82	2.52	2.77	0.42	1.19	0.04	0.24	<1	4	905	1.9	0.23	0.6	129	7.3	26	<5	19.1	15.4	0.04	59.6	14	529	1.1	12.1	13.6	860	82.4	140	0.6	7.3	2.1	236	<0.1	20.9	0.7	3.4	69	1.2	22.3	101	<0.2
C-272649	05DEN108_F	39.667	-104.865	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.99	1.22	4.25	2.31	0.63	0.91	0.07	0.36	<1	3	1420	1.9	0.2	0.5	110	12.2	42	<5	27	16	0.05	48.8	16	897	2.8	12.9	16.3	1160	59	110	0.61	10.5	2.5	981	<0.1	19.5	0.6	3.8	146	2.4	21.5	127	0.3
C-272650	05DEN391_F	39.799	-105.207	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.28	2.87	3.6	1.66	0.84	0.93	0.12	0.3	<1	5	605	1.9	0.3	0.7	64.4	11.3	29	<5	27.5	14.4	0.05	27.1	17	765	1.29	10.8	15.7	2500	32.4	73	0.47	11.6	2	401	<0.1	8.3	0.4	1.9	113	1	16.5	123	0.5
C-272651	05DEN006_F	39.856	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.24	6.53	2.62	4.94	1.81	0.76	0.84	0.09	0.32	2	10	1020	2.7	0.72	1.8	130	11.3	49	<5	93.6	17.8	0.09	56.3	26	707	2.84	20.1	26.6	1350	190	103	3.73	10.4	87.4	428	0.1	25.4	0.7	4.5	93	1.9	27.9	312	1
C-272652	05DEN469_F	39.871	-104.828	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.06	0.73	1.84	2.59	0.3	1.13	0.02	0.2	<1	4	858	1.6	0.14	0.2	106	5	16	<5	10.7	12.9	0.03	45.7	11	353	0.54	11.4	9.5	630	26.6	125	0.38	5.2	1.9	226	<0.1	17.9	0.6	2.8	54	0.8	19.4	46	<0.2
C-272653	05DEN050R_F	39.755	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	5.29	1.22	2.17	2.77	0.43	1.1	0.06	0.21	1	4	881	1.9	0.37	1	130	6	27	<5	59.3	14.3	0.06	57.5	13	473	1.88	18.2	14	1090	191	142	1.6	6.3	4.4	211	<0.1	21.6	0.7	3.7	56	3.1	23	218	0.3
C-272654	05DEN211_F	39.740	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.18	1.47	2.75	2.3	0.5	1.23	0.09	0.23	<1	4	745	1.6	0.45	1.5	113	7.1	34	<5	29.8	13.4	0.08	49.5	11	538	2.59	14.7	18.4	1220	301	111	1.45	7	4.1	277	<0.1	20.1	0.5	3	72	2.5	19.4	226	0.3
C-272655	05DEN249_F	39.596	-105.091	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.2	0.71	2.45	1.89	0.51	0.57	0.03	0.22	<1	8	584	1.8	0.34	0.6	94.8	8.7	28	<5	19.2	13.9	0.05	36.7	20	458	1.78	9.5	18.8	620	50.6	113	0.85	8.3	1.9	142	0.1	15.1	0.6	2.5	86	1.6	20.2	75	0.4
C-272656	05DEN147_F	39.871	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.8	2.5	2.65	2.04	0.81	0.81	0.05	0.24	<1	6	655	2	0.22	0.4	92.6	8.4	25	<5	19.7	15.2	0.05	37.3	26	464	1.05	11.5	18.7	1050	31	112	0.93	8.4	1.8	222	<0.1	14.5	0.5	2.6	78	1.3	19.7	89	0.3
C-272657	05DEN092_F	39.697	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.08	1.42	2.07	2.33	0.52	1.12	0.09	0.2	<1	4	736	1.7	0.21	0.4	92.3	5.3	21	<5	36.4	13	0.04	41	14	424	1.48	14.4	12.6	1640	38.4	114	1.14	5.9	2.4	214	<0.1	15.9	0.5	3.1	50	1.6	20.4	146	0.3
C-272658	05DEN213_F	39.726	-105.053	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.48	1.21	2.72	1.95	0.76	1.09	0.09	0.22	<1	4	704	1.8	0.44	0.6	78.8	7.5	25	<5	30.2	14.7	0.06	32.1	17	601	2.75	10.8	13.6	1040	93.6	92	0.79	8.9	3.1	308	0.2	11.7	0.5	2.9	65	3.3	16	189	0.4
C-272659	05DEN073_F	39.725	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.57	1.22	2.33	2.63	0.5	1.2	0.08	0.21	<1	26	824	2	0.19	0.7	109	6.3	26	<5	23.1	14.5	0.06	47.3	15	431	1.35	12.7	13.9	1230	106	131	1.63	6.6	2.7	245	<0.1	18	0.7	3.1	62	2	20.2	143	0.4
C-272662	05DEN088_F	39.697	-104.868	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.79	0.93	1.85	3.36	0.39	1.07	0.04	0.19	<1	3	972	2	0.18	0.3	96.9	5.6	18	<5	14.3	15.2	0.04	45.3	13	422	0.72	16.1	10.1	750	39.1	160	0.49	6.1	1.8	225	<0.1	15.4	0.8	2.6	51	1.1	19.6	68	0.2
C-272664	05DEN204_F	39.639	-105.035	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.83	1.69	3.45	2.26	0.68	0.92	0.06	0.3	<1	5	811	2.1	0.33	0.7	121	10.1	31	<5	23.9	16.2	0.06	53.4	20	645	1.34	12.9	18	1090	160	112	0.81	9.7	3.5	294	<0.1	18	0.6	3.1	110	1.3	23.5	169	0.3
C-272665	05DEN129_F	39.638	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.42	1.43	5.95	2.23	0.73	0.82	0.04	0.53	<1	5	938	2	0.27	0.5	118	15.3	28	<5	25.5	17.9	0.07	52.4	18	966	1.37	15.4	15.6	1090	57.4	111	0.62	12.1	2.7	653	<0.1	17.6	0.5	3.2	197	1.6	25.9	118	0.3
C-272666	05DEN447_F	39.624	-104.773	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.11	0.72	2.55	3.5	0.43	1.17	0.03	0.23	<1	3	1070	1.9	0.14	0.2	85	7.1	18	<5	16.3	15.9	0.04	34.6	13	538	0.65	12.6	10.3	550	27.7	153	0.44	7	1.9	304	<0.1	10.3	0.7	2.4	69	1.1	17	65	<0.2
C-272667	05DEN122_F	39.654	-104.868	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.42	0.92	2.27	2.37	0.55	1.71	0.07	0.2	<1	2	704	1.9	0.24	0.6	75.8	5.3	40	<5	20.2	14.8	0.06	29	13	453	1.49	15	10.4	570	190	102	1.03	5.5	2.8	200	<0.1	11.3	0.5	2.2	47	5	16.5	158	<0.2
C-272668	05DEN034_F	39.798	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.78	1.04	2.67	2.86	0.46	1.2	0.03	0.26	<1	4	924	1.8	0.18	0.3	168	7.6	25	<5	15.3	16	0.05	72.1	15	571	0.7	16.6	13.7	910	37.8	143	0.45	7.2	2.1	234	<0.1	28.6	0.7	4.1	76	1.2	27.1	76	<0.2
C-272669	05DEN364_F	39.827	-105.184	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.22	1.32	2.22	1.45	0.53	0.46	0.04	0.22	<1	5	507	1.8	0.26	0.3	73.3	8	27	<5	15.4	13.3	0.05	30.9	20	328	0.8	8.4	18.3	570	21.3	75.9	0.74	8.4	2.2	142	<0.1	12.5	0.5	1.9	87	1.2	16.8	65	0.3
C-272670	05DEN116_F	39.653	-104.978	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.97	1.65	4.12	2.53	0.69	0.79	0.05	0.37	<1	5	948	2	0.22	0.4	126	11.9	27	<5	47	16.4	0.06	55.9	19	816	1.03	19.4	16.8	1640	51.6	122	0.6	10	5.5	440	<0.1	20.3	0.7	3.7	132	1	30.9	126	0.3
C-272671	05DEN215_F	39.696	-105.053	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.39	1.44	2.83	2.52	0.55	1.21	0.25	0.23	<1	3	768	1.6	0.33	1	112	7.3	23	<5	34.5	13.6	0.06	47.7	12	588	1.25	12.9	14.6	1150	57.3	113	0.98	7.3	2.2	325	<0.1	18.2	0.6	3.6	88	3.5	18.4	154	0.3
C-272677	05DEN174_F	39.827	-105.072	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.57	5.3	2.66	1.45	0.8	0.7	0.03	0.22	<1	6	666	1.8	0.47	0.4	67.7	9.4	24	4.24	26.3	13.8	0.07	33.2	23	479	1.15	8.3	17	400	33.3	71.9	0.92	9.6	1.6	355	<0.1	10.7	0.4	2.8	74	0.9	21.1	129	0.2
C-272678	05DEN235_F	39.697	-105.110	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	6.71	1.87	4.19	2.54	0.75	1.03	0.09	0.33	<1	6	755	2.2	0.61	1.4	83.6	14.9	28	3.82	55	18.4	0.1	38	18	834	2.55	14.6	18.5	1330	99.1	96.5	1.29	13.1	2.5	582	<0.1	12.1	0.5	3.6	113	2.7	21.5	259	0.3
C-272679	05DEN389_F	39.827	-105.203	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.12	2.84	5.77	0.76	0.98	0.91	0.04	0.43	<1	11	445	1.8	0.18	0.4	51.7	15.9	10	1.13	13.5	19	0.08	25.7	13	755	1.29	11.2	12.8	1380	27.6	19.2	0.43	16.5	2.1	398	<0.1	9.3	0.2	1.9	99	0.7	21.3	99	0.2
C-272680	05DEN277_F	39.581	-104.961	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.72	1.08	4.33	2.28	0.81	0.75	0.07	0.36	<1	7	745	2.5	0.26	0.6	101	12.2	35	4.68	30.1	17.1	0.07	46.4	24	600	4.76	14.6	21.1	1170	54.6	95.1	0.87	12.1	2.4	417	<0.1	14.9	0.6	4.1	122	1.5	25.2	107	0.3
C-272681	05DEN119R_F	39.653	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	6.13	1.14	2.66	3.06	0.54	1.55	0.11	0.23	<1	4	844	2.2	0.31	1	119	9.3	32	2.95	29.8	16.1	0.1	49.9	16	475	2.2	17.5	15.7	750	494	136	1.36	7.8	4.2	253	<0.1	22.1	0.7	3.7	62	14.1	23.7	222	<0.2
C-272683	05DEN095_F	39.697	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.43	0.94	2.41	3.02	0.41	1.12	0.06	0.26	<1	4	771	2.6	0.28	0.6	153	6.7	22	3.01	20.9	15.4	0.08	71.6	15	457	2.57	29.5	11.7	1070	55	144	0.78	8.1	2.8	208	<0.1	23	0.4	4.6	52	1.4	33.7	156	0.4
C-272684	05DEN467_F	39.871	-104.794	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.33	2.1	2.38	2.9	0.56	1.33	0.17	0.25	<1	6	823	2.1	0.23	0.3	114	8.6	27	3.96	22.9	15.8	0.05	49.2	22	404	1.42	15.5	17	760	38	132	0.77	8.4	1.9	280	<0.1	19.3	0.6	4	68	1.1	24.9	76	0.3

									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	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.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	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	ppm
C-272685	05DEN446_F	39.624	-104.791	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.94	0.89	2.73	4	0.42	1.36	0.03	0.28	<1	6	1140	2.3	0.22	0.3	112	9	25	3.84	19.4	17.8	0.06	50.2	18	523	1.39	19.2	13.9	550	33.5	174	0.51	8.2	1.9	298	<0.1	19.4	0.7	3.7	81	1.1	25.1	67	<0.2
C-272686	05DEN111_F	39.669	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.43	1.12	1.92	2.89	0.38	1.19	0.05	0.18	<1	4	772	2.1	0.24	0.5	91.9	5.7	23	2.88	27.3	13.4	0.05	42	13	350	1.22	14.7	12.3	1640	33.5	136	0.86	6.3	2.1	224	<0.1	14.7	0.7	3.6	45	1.1	21.1	96	<0.2
C-272687	05DEN190_F	39.798	-105.108	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	7.38	1.76	4.2	2.49	1.86	0.64	0.28	0.19	<1	6	721	5.3	1.37	0.5	85.9	7.5	16	9.46	90	24.3	0.18	38.8	32	672	2.15	14.1	15.6	490	27.7	95.5	0.42	10.3	7.5	124	0.2	11.9	0.6	6.7	42	3.1	17.4	229	1.4
C-272688	05DEN164_F	39.842	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.23	1.05	2.14	2.56	0.41	1.17	0.05	0.2	<1	5	714	2.1	0.58	0.8	105	6.2	30	2.9	29.2	12.8	0.06	47.4	15	368	1.34	12.7	17.3	810	132	107	1.33	6.4	2.5	222	<0.1	19.3	0.4	3.3	54	2.3	20.3	253	<0.2
C-272689	05DEN205_F	39.652	-105.034	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.18	1.45	4.21	2.49	0.83	1.1	0.05	0.34	<1	5	668	2.2	0.24	0.6	139	12.4	40	4.28	26.3	16.5	0.08	60.2	22	684	1.37	13.7	20.1	1400	52.8	118	0.61	12.3	2.8	341	<0.1	23.2	0.6	5.3	102	1.6	28.2	115	0.4
C-272690	05DEN040_F	39.783	-104.867	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.61	0.9	2.4	2.94	0.39	1.14	0.02	0.24	<1	4	870	2	0.18	0.3	132	7.8	24	3.23	15.1	14.4	0.05	63.8	14	474	0.8	14.4	12.7	680	29.4	134	0.4	7	1.8	241	<0.1	22.1	0.7	4.1	65	1.1	24.8	57	<0.2
C-272691	05DEN025_F	39.842	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.38	0.79	2.27	3.09	0.33	1.06	0.03	0.26	<1	5	814	1.9	0.23	0.8	143	6.6	22	3.01	18.9	13.9	0.06	69.6	13	456	1.18	24.7	11.9	900	99.3	145	1.02	6.7	3.4	208	<0.1	26.5	0.6	4.2	56	1.2	31.7	117	0.2
C-272692	05DEN126_F	39.637	-104.885	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.1	1.47	2.56	2.05	0.61	1.12	0.09	0.22	<1	5	606	1.8	0.43	1.2	89.5	8.5	35	3.23	42.8	13.3	0.06	38.8	18	542	2.3	10.7	16.9	1360	35.1	83.4	1.51	8.4	3.6	200	<0.1	12.8	0.5	4	67	3.8	19.1	170	0.2
C-272693	05DEN005_F	39.856	-104.921	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.89	0.75	2.4	3.53	0.34	1.23	0.02	0.29	<1	4	891	2.3	0.23	0.7	165	6.1	32	2.94	15.1	15.2	0.07	76.8	14	476	1.16	32.7	11.9	620	130	165	0.58	6.7	2.6	213	<0.1	26.4	0.8	4.3	54	1.6	29.3	92	<0.2
C-272694	05DEN284_F	39.625	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.56	0.66	2.04	3.61	0.32	1.06	0.03	0.24	<1	4	919	2.1	0.18	0.3	141	5.5	17	2.54	18.7	14.7	0.06	69.5	12	441	1.01	29.5	9.6	520	38.2	164	0.86	6	2.5	176	<0.1	23.7	0.6	3.5	47	3.5	27	111	<0.2
C-272695	05DEN033_F	39.813	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.37	0.83	2.02	3.11	0.32	1.32	0.04	0.19	<1	3	754	1.8	0.19	0.8	114	5.3	28	2.37	22.5	12.6	0.05	52.2	11	350	1.39	14.6	12	690	376	141	0.79	5.6	2.7	211	<0.1	17.7	0.7	3	44	1.3	19.9	402	<0.2
C-272696	05DEN266_F	39.581	-105.017	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.42	1.47	3.48	2.44	0.81	0.64	0.03	0.32	<1	5	966	2	0.23	0.4	118	11.2	26	4.02	23.5	15.7	0.07	51.3	22	781	1.1	18.8	18.1	960	32.1	113	0.69	11.5	2.7	371	<0.1	15	0.6	3.2	97	1.1	30	85	<0.2
C-272697	05DEN366_F	39.696	-105.148	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	7.85	2.74	5.26	2.2	1.02	1.19	0.04	0.41	<1	5	691	2.3	0.19	0.3	95.7	16.5	30	4.68	37.2	20.4	0.09	42.8	20	974	1.15	14.7	18.7	1010	48.2	86.5	0.49	16.9	2.2	546	<0.1	12.7	0.6	2.6	127	1.3	29.6	115	<0.2
C-272698	05DEN130_F	39.637	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.34	0.95	2.04	2.65	0.54	1.45	0.08	0.18	<1	3	707	2	0.23	0.6	92.3	6.6	29	2.39	29.2	14.4	0.06	39.7	14	425	2.39	13.3	12	1030	119	119	0.95	6.5	2.6	204	<0.1	12.8	0.5	3.6	44	6.4	19.9	129	<0.2
C-272699	05DEN321_F	39.652	-105.185	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.36	5.42	2.41	1.75	0.67	0.43	0.04	0.19	<1	8	429	1.9	0.33	0.6	62.3	8.8	32	5.76	24.6	13.7	0.06	32.2	27	354	3.82	9.4	25.2	660	23.5	87.1	0.94	9.2	2.3	283	<0.1	12.5	0.7	3.6	88	1.5	21.3	86	0.4
C-272700	05DEN046_F	39.770	-104.886	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.34	0.86	2.74	2.96	0.35	1.19	0.01	0.28	<1	3	875	1.8	0.16	0.2	178	7.5	20	2.5	13.2	13.7	0.04	82.4	12	522	0.74	18.8	11.8	650	28.1	124	0.32	6.1	1.7	246	<0.1	28.6	0.5	4.3	75	0.9	25.7	55	<0.2
C-272701	05DEN162_F	39.871	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.78	0.87	1.75	2.43	0.36	0.98	0.05	0.19	<1	5	654	1.7	0.19	0.4	83.2	5.2	25	2.72	15.7	11.6	0.05	36.9	14	326	1	12.1	11.8	740	49.3	112	0.69	5.7	1.8	174	<0.1	12.7	0.6	2.5	47	1	17.2	80	<0.2
C-272702	05DEN123_F	39.652	-104.848	8/31/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.71	0.47	1.28	4.31	0.23	1.18	0.01	0.18	<1	2	1080	2	0.11	0.1	79.6	4.2	13	2.36	8	15.1	0.03	37.9	9	295	0.43	20.5	7	400	28.9	183	0.23	4.5	1.4	216	<0.1	12.2	0.7	2.4	34	0.8	19.2	34	<0.2
C-272703	05DEN076_F	39.727	-104.997	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.5	6.04	0.99	2.55	3.05	0.43	1.13	0.05	0.27	1	30	948	2	1.18	3.1	116	8.9	37	3.61	68.3	15.5	0.22	52.8	17	626	3.42	24	16.3	1410	860	147	2.75	8	14.5	242	0.2	33.6	0.8	4.6	57	2.1	27.1	467	0.3
C-272704	05DEN327_F	39.799	-105.129	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.88	1.12	3.05	1.73	0.63	0.75	0.04	0.26	<1	9	483	2.6	0.57	0.5	86.6	11.1	48	7.03	29.9	17.2	0.1	39.2	28	369	1.36	10.5	22.7	480	43.4	115	1.21	11.9	2.3	157	<0.1	13.6	0.7	4.2	100	1.7	20.8	116	0.7
C-272705	05DEN302_F	39.680	-104.998	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.26	5.71	1.08	2.8	2.93	0.52	1.06	0.05	0.3	<1	7	765	2.7	0.32	0.8	167	8.4	30	3.68	21.5	16.9	0.1	78.8	20	566	4.27	32.8	15.1	1020	61.5	147	0.65	9.7	4.4	238	<0.1	26.7	0.8	5	64	1.5	37.3	117	0.2
C-272706	05DEN043_F	39.784	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.1	0.83	1.76	3.08	0.29	1.47	0.04	0.15	<1	3	679	1.6	0.17	1.6	97	4.6	21	1.7	23	12.5	0.07	51.6	9	316	1.91	13	10	490	193	131	1.3	4.7	2.7	191	<0.1	17.3	0.5	2.7	32	4.3	17.4	148	<0.2
C-272707	05DEN248_F	39.581	-105.092	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.49	1.94	2.5	1.94	0.69	0.45	0.04	0.21	<1	8	575	2.2	0.34	0.4	75.6	8.6	37	5.51	25.1	14.4	0.06	35.4	25	370	1.52	16.7	20.9	910	22.1	94.2	0.88	9.1	2.1	176	0.1	13.2	0.7	4.3	80	1.5	23.9	89	0.3
C-272708	05DEN435_F	39.666	-104.810	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.28	0.47	1.89	3.82	0.19	1.07	0.01	0.26	<1	3	1000	1.9	0.14	0.2	114	5.7	15	2.05	11	14.3	0.04	53.1	8	405	0.54	29	7.4	390	38.7	170	0.32	4.5	1.6	246	<0.1	19.8	0.7	3.2	58	0.7	27	52	<0.2
C-272709	05DEN199_F	39.697	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.58	1.33	2.78	2.77	0.54	1.37	0.09	0.24	<1	5	765	1.7	0.33	1.2	93.3	8.1	36	2.09	33	14.3	0.08	43.5	12	474	3.36	12.1	14.3	1050	707	118	1.27	8.1	3.4	332	<0.1	14.1	0.6	2.6	73	3.6	19.1	252	<0.2
C-272711	05DEN352_F	39.798	-105.222	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.92	1.53	2.87	1.89	0.65	1.11	0.03	0.23	<1	8	553	2.6	0.45	0.4	82.8	9.6	42	6.31	19	15.6	0.06	38.4	36	455	1.33	10.5	22.2	630	34.9	92.8	0.68	10.4	2.2	195	<0.1	12.3	0.7	2.9	80	1.7	19.9	74	0.3
C-272712	05DEN221_F	39.653	-105.072	7/22/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.5	2.28	3.56	2.45	0.78	1.15	0.05	0.28	<1	6	641	2.1	0.32	0.5	120	10.4	50	4.25	67.2	16.2	0.07	52.2	25	584	2.49	12.6	23.4	840	75.3	106	0.92	10.6	3.2	276	<0.1	21.4	0.6	3.5	82	2.7	24.1	121	0.3
C-272713	05DEN256_F	39.595	-105.054	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.1	3.03	2.21	1.75	0.57	0.45	0.03	0.2	<1	7	510	2	0.25	0.4	84.1	8.3	28	4.16	17.1	13	0.05	38.9	23	327	1.59	12.3	17.3	550	31.3	84.3	0.78	7.9	1.9	179	<0.1	12.5	0.7	3.2	71	1.1	20.1	74	0.2
C-272714	05DEN064_F	39.740	-104.828	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.38	5.76	1.12	2.72	2.58	0.61	1.01	0.08	0.24	<1	6	728	2.1	0.27	8.1	116	8.8	39	4.02	30.3	14.4	0.07	51.9	20	493	1.93	12.9	18.6	1260	156	121	1.07	8.3	3.2	225	<0.1	18.9	0.7	4.8	73	2	23.2	160	0.4
C-272715	05DEN133_F	39.798	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.34	5.31	0.84	2	2.82	0.35	1.28	0.06	0.18	<1	5	723	1.6	0.53	1.7	117	5.8	22	2.8	29.4	12.8	0.08	52.3	11	374	1.42	9.1	11.6	950	109	135	1.25	5.8	2.5	195	<0.1	23.5	0.8	3.1	45	1.6	17.1	166	<0.2
C-272716	05DEN340_F	39.741	-105.163	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.62	3.76	5.72	2.34	1.09	1.27	0.04	0.49	<1	6	830	2	0.34	0.5	113	19.2	34	3.67	42.4	20.7	0.1	52	20	972	1.08	19.3	18.7	1560	36.9	98.3	0.72	18.3	2.4	674	<0.1	15.3	0.6	3	186	1.5	28.6	136	<0.2
C-272717	05DEN146_F	39.856	-105.034	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.73	1.26	2.08	2.08	0.55	1.01	0.05	0.18	<1	6	564	1.6	0.3	0.6	83.7	6.4	30	3.51	24.3	13.2	0.06	37.6	18	355	1.34	9.2	14.2	540	175	90.1	0.99	6.8	2.4	169	<0.1	15.1	0.6	2.5	52	1.8	15.8	103	<0.2
C-272718	05DEN295_F	39.608	-104.848	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.86	1.99	3.52	2.59	0.55	0.96	0.05	0.33	<1	6	815	1.9	0.18	0.3	98.4	10.5	27	3.45	21.2	15.1	0.06	43.8	19	604	0.92	17.1	15.3	870	24.9	119	0.49	8.6	2	372	<0.1	14.3	0.6	4.4	102	1.1	23.2	80	0.4
C-272719	05DEN263_F	39.625	-105.018	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.31	1.21	2.79	3.61	0.5	1.06	0.05	0.33	<1	4	929	3	0.19	0.3	171	7.6	24	3.65	18.9	17.3	0.09	79.8	20	588	1.21	43.4	13.7	640	39.8	176	0.44	9.8	3.8	263	<0.1	25.4	0.8	4.8	59	1.8	43.2	97	0.3
C-272720	05DEN354_F	39.814	-105.201	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.14	6.08	1.3	3.62	2.09	0.79	0.97	0.04	0.29	<1	14	566	2.3	1.58	0.9	99.8	11.2	98	5.37	63.5	15.6	0.16	46.8	26	561	3	10.6	30.6	720	87.4	93.8	2.74	11.6	2.2	214	0.2	16.6	0.6	3.6	108	1.8	20.8	179	0.3
C-272721	05DEN253_F	39.594	-105.073	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.18	1.33	2.46	2.01	0.57	0.44	0.03	0.2	<1	9	538	2.1	0.31	0.6	70.2	8.2	34	4.61	18.6	13.2	0.06	36.2	23	359	1.47	9.8	18.7	530	54.4	91.4	0.87	8.1	1.9	139	<0.1	13.5	0.7	2.3	77	1.3	18.4	86	0.3
C-272722	05DEN188_F	39.769	-105.111	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.61	1.26	2.53	2.61	0.58	1.46	0.1	0.2	<1	5	674	1.8	0.4	1.4	98.6	8.1	51	3.03	52	14.2	0.08	43.1	16	455	3.62	10.4	16.8	790	488	123	1.92	7.7	4.4	246	<0.1	17.1	0.7	3.1	59	6.2	17.1	311	0.4
C-272725	05DEN021R_F	39.842	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.19	1.17	2.26	2.28	0.53	1.15	0.08	0.2	<1	10	676	1.5	0.33	0.7	75.5	6.9	36	3.15	28.1	12.6	0.07	36.6	15	428	1.9	11	15.3	870	92	94.7	1.39	7.1	5.8	261	<0.1	10.8	0.6	2.4	57	1.5	17.2	137	<0.2
C-272730	05DEN251_F	39.624	-105.088	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.01	1.98	2.75	1.78	0.67	0.38	0.02	0.25	<1	8	551	2	0.28	0.3	83.4	10.1	32	5.94	19.1	14.7	0.06	39.3	26	326	1.41	12.1	22.5	440	20	90.4	1.01	9.8	1.8	213	<0.1	10.9	0.8	3.4	102	1.2	23.1	74	0.2
C-272731	05DEN362_F	39.856	-105.165	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.6	1.8	3.17	2.15	0.88	1.51	0.07	0.21	<1	3	532	1.6	0.22	0.2	57.5	9.8	27	3.96	25.9	13	0.06	28.8	17	613	1.25	8.7	16.2	460	21.4	78.2	0.63	10.2	2	180	<0.1	11	0.5	2.2	77	3.8	19.1	82	<0.2
C-272732	05DEN019_F	39.813	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.53	1.29	2.26	2.74	0.47	1.18	0.06	0.21	<1	5	746	1.6	0.2	0.8	98.9	7.2	28	3.12	26.9	13.9	0.05	44.1	15	422	1.67	12.7	14.1	1030	93.5	127	0.99	7	3.3	260	<0.1	15.6	0.7	3.3	60	1.5	19.3	178	0.2
C-272733	05DEN247_F	39.581	-105.113	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.32	7.89	2.51	1.87	0.77	0.44	0.05	0.19	<1	10	558	1.7	0.29	0.5	55.9	8.1	37	5.71	20.5	13	0.06	29.9	32	290	1.55	8.1	22.7	700	22.3	89.9	1.03	8.4	1.8	225	<0.1	11.1	0.6	2.3	100	1.3	16.8	76	0.4
C-272735	05DEN459_F	39.798	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.41	0.74	1.74	3.37	0.31	1.06	0.02	0.19	<1	4	898	1.9	0.23	0.2	107	5.3	16	2.7	11.3	13.8	0.04	49.5	11	351	0.61	16	9.9	420	29.1	155	0.41	5.5	1.6	210	<0.1	14.9	0.7	2.8	44	1	19.3	50	<0.2
C-272736	05DEN333_F	39.827	-105.149	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.17	2.26	2.51	1.91	0.58	0.89	0.03	0.23	<1	7	570	1.7	0.44	0.4	91.8	8.8	42	4.75	21.2	12.6	0.06	42.1	21	418	1.05	11.1	20.8	570	144	89.1	1.06	8.7	2.2	188	<0.1	14.8	0.6	2.6	68	1.6	18.5	95	<0.2
C-272737	05DEN402_F	39.842	-105.222	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.87	0.69	2.34	1.84	0.51	0.66	0.04	0.22	<1	10	551	1.8	0.47	0.7	76.6	9.7	35	4.69	18.9	11.8	0.07	34.4	21	453	1.35	8.5	19.2	640	47.2	85.6	0.96	8.7	1.8	135	<0.1	11.8	0.6	2.5	70	1.2	17.9	74	0.5
C-272738	05DEN228_F	39.741	-105.093	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.25	2.56	3.71	2.44	0.91	1.1	0.1	0.31	<1	6	799	1.7	0.28	0.6	96.6	11.9	32	3.34	100	15.9	0.08	44.1	17	742	1.1	15.9	19.1	2380	48.9	95.7	0.79	11.8	2.7	488	<0.1	13.5	0.6	2.7	100	1.2	22.2	151	0.3
C-272739	05DEN450_F	39.609	-104.773	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.01	0.89	2.62	2.78	0.49	0.91	0.02	0.26	<1	5	1040	2	0.24	0.3	122	9	22	4.03	17.8	15.4	0.05	54.7	17	526	0.81	13.6	15.8	780	30	129	0.46	8.6	2	337	<0.1	17.6	0.7	3.9	72	1.1	25.2	96	<0.2

									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	ICPAES_MS	ICPAES_MS	Se Hyd
Lab No.	Field No.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	Datum	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
									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	ppm
C-272740	05DEN105_F	39.682	-104.831	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.73	0.54	1.46	4.27	0.25	1.19	0.02	0.19	<1	4	1070	2.1	0.11	0.2	113	4.2	13	2.12	8.3	15	0.03	53.2	8	305	0.42	18.9	7.8	360	32.2	182	0.27	4.6	1.3	195	<0.1	18	0.9	2.9	36	0.7	22.3	45	<0.2
C-272741	05DEN271_F	39.610	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.53	1	2.43	3.12	0.45	0.86	0.06	0.28	<1	6	839	2	0.26	0.8	116	7.5	29	3.62	21	14.3	0.07	51.3	16	515	1.5	32.5	15.2	1300	73	147	0.92	8.2	4	235	<0.1	17.8	0.7	3.5	57	1.1	28.9	114	0.6
C-272742	05DEN084_F	39.711	-104.848	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.47	1.27	2.5	2.73	0.53	1.53	0.07	0.19	<1	4	779	1.9	0.16	0.8	93.4	7.1	36	2.53	28.4	14.7	0.05	39.6	13	414	1.83	12.8	19.1	700	57.5	130	1.37	7.2	3.4	228	<0.1	14.7	0.7	3.1	55	1.9	19.5	172	<0.2
C-272743	05DEN177_F	39.871	-105.072	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	4.3	0.91	1.97	1.52	0.51	0.51	0.04	0.22	<1	8	523	1.5	0.59	0.6	86.7	7.3	21	2.72	31.6	9.69	0.07	38.4	17	412	1.12	8	12.6	690	49.3	63.3	1.31	7.1	1.5	148	0.1	14.9	0.5	2.8	58	0.9	17.4	92	2.6
C-272745	05DEN349_F	39.765	-105.223	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	6.51	1.83	3.55	2.11	0.82	1.01	0.06	0.3	<1	9	654	1.9	0.57	0.7	94.3	12.2	40	4.38	36.6	16.2	0.08	45.1	22	920	2.79	12.5	21.5	1350	51.1	96.1	1.14	12	3.1	315	<0.1	14.3	0.6	6.4	100	1.4	25.5	144	<0.2
C-272746	05DEN010_F	39.871	-104.977	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.01	2.19	3.18	1.68	0.73	0.98	0.02	0.28	<1	6	759	1.8	0.23	0.3	91.5	11.9	29	4.1	18	16.5	0.06	43.4	18	621	1.07	19.6	18	610	23.1	75.4	0.67	12.2	1.6	540	<0.1	9.3	0.6	3.1	84	1.3	23.3	85	<0.2
C-272747	05DEN018_F	39.797	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.19	1.39	3.63	3.19	0.59	1.36	0.04	0.41	<1	6	855	2.8	0.55	1.2	182	8.9	33	3.72	22.8	18.5	0.15	82.4	21	781	1.7	47.6	17.1	1090	77.7	154	1.03	10.4	6.9	250	0.1	26.9	0.8	5	73	1.6	42.4	148	<0.2
C-272748	05DEN183_F	39.800	-105.091	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.39	1.76	4.64	2.28	1.09	1.38	0.06	0.31	<1	7	573	2.1	0.48	0.8	103	16.9	41	7.24	43.2	17.6	0.11	46.8	24	901	1.54	11.3	22.1	910	117	108	1.2	16.7	2.8	195	<0.1	17.3	0.7	3.5	109	1.8	33.8	399	0.2
C-272749	05DEN254_F	39.580	-105.073	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.98	2.06	2.26	1.79	0.61	0.45	0.03	0.21	<1	7	572	1.9	0.23	0.3	88.9	8.3	29	4.85	16.7	12.7	0.05	41.5	24	364	1.41	9.6	20	490	36.5	87.4	0.88	8.2	2	179	<0.1	13.2	0.7	2.3	71	1.2	22.4	69	<0.2
C-272750	05DEN138_F	39.756	-104.997	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.39	1.78	2.03	2.72	0.42	1.31	0.06	0.19	<1	10	759	1.9	0.28	0.5	89.5	6.8	29	2.6	33.9	13	0.06	40	13	357	1.2	14.7	12.9	1570	54.3	129	1.21	6.3	3	284	<0.1	14	0.7	3.6	45	1.3	19.8	140	0.4
C-272751	05DEN089_F	39.696	-104.888	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.9	0.69	1.16	3.62	0.21	1.06	0.02	0.15	<1	3	983	2	0.16	0.3	78.8	3.9	12	2.01	9.9	13	0.04	36.3	8	279	0.55	18.5	7	380	42.9	162	0.43	4	1.5	219	<0.1	13.9	0.8	2.3	30	0.9	17.5	52	<0.2
C-272752	05DEN161_F	39.870	-104.997	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.08	4.19	2.37	1.59	0.76	0.83	0.04	0.21	<1	7	879	1.5	0.17	0.3	106	8.3	24	3.11	13.3	14.1	0.05	50.2	20	801	1.04	9	16.8	670	37.7	68.4	0.57	8.3	1.7	434	<0.1	14.2	0.5	2.6	63	4.3	21	69	0.2
C-272753	05DEN153_F	39.799	-105.053	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.5	1.74	2.58	2.31	0.58	1.08	0.06	0.21	<1	8	641	1.9	0.81	0.9	94.3	8	34	3.39	50	13.4	0.11	41.2	19	457	2.03	10.5	19.1	640	83.7	98.6	2.25	7.9	4.6	223	0.1	13.8	0.7	2.7	64	3.5	18.9	216	0.2
C-272754	05DEN154R_F	39.782	-105.053	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	1.7	5.04	2.36	2.61	2.49	0.5	1.23	0.11	0.19	12	10	789	1.8	2.8	7.4	155	6.5	75	2.45	105	12.8	0.19	70.9	13	433	2.9	10.6	33	4150	434	123	3.3	6	24	281	<0.1	28.1	0.8	5.3	52	3	21	487	0.5
C-272755	05DEN021_F	39.842	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.69	1.16	2.43	2.09	0.61	0.85	0.05	0.22	<1	6	748	1.5	0.54	0.7	78.1	8.1	35	3.62	27.1	13.3	0.08	36.7	17	480	1.89	10.5	17.2	900	66.5	93.1	1.1	7.9	1.9	295	<0.1	10.7	0.5	2.4	64	1.3	20.6	121	0.2
C-272756	05DEN185_F	39.769	-105.090	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.21	4.99	1.28	2.81	2.1	0.52	0.89	0.08	0.23	<1	49	637	1.6	0.93	3.1	138	8	39	3.32	66	13.8	0.15	59.9	14	496	2.31	10.8	17.9	1270	223	98.8	3.84	8	3.4	231	<0.1	23.6	0.6	4.3	70	1.6	21.7	580	<0.2
C-272757	05DEN121_F	39.652	-104.885	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.21	0.98	2.2	2.52	0.43	1.34	0.08	0.18	<1	3	722	1.8	0.18	0.7	86.4	6.1	33	2.25	22	13.1	0.05	37.4	11	371	1.83	9.9	13.7	760	275	113	1.13	6.1	2.5	214	<0.1	12.3	0.5	2.9	48	2.7	16	163	<0.2
C-272758	05DEN172_F	39.798	-105.074	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.16	5.84	1.78	3.35	2.27	0.75	1.26	0.04	0.27	<1	10	635	2.4	1.15	1.2	147	10.3	45	4.77	54.4	16	0.15	70.7	20	720	1.54	10.7	22	1040	109	123	2.79	11.3	4	224	0.1	25.6	0.7	4.4	74	1.8	29.4	228	0.4
C-272759	05DEN428_F	39.711	-104.792	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.62	1.5	3.1	2.27	0.57	0.82	0.1	0.3	<1	5	867	1.8	0.24	0.6	106	12.1	31	4.2	23.4	14.3	0.06	46.8	20	718	1.7	14	18.6	1450	26.2	102	0.91	9.4	2	365	<0.1	15.8	0.5	4.4	89	1.3	23.9	90	0.6
C-272760	05DEN245_F	39.609	-105.112	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.43	0.92	1.55	1.93	0.35	0.71	0.06	0.15	<1	5	574	1.3	0.21	0.6	63.4	4.9	23	3.01	14.7	10.3	0.04	33.4	13	261	1.96	7.4	13.5	760	34	83.3	0.78	5.5	1.5	164	<0.1	10.8	0.5	2.5	48	1	15.6	62	0.2
C-272761	05DEN074R_F	39.726	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.18	1.86	1.84	3.01	0.36	1.15	0.07	0.17	<1	5	846	1.8	0.2	0.9	106	5.8	23	2.51	29.8	13	0.09	47.9	11	416	1.79	17.1	12.9	770	137	135	2.03	5.9	4.9	236	<0.1	17	0.5	2.9	42	2.8	20.3	254	<0.2
C-272762	05DEN385_F	39.827	-105.221	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.16	1.1	3.16	2.05	0.71	1.09	0.03	0.24	<1	6	566	2.6	0.38	0.4	92.5	11.1	69	7.19	21.3	15.2	0.06	44.2	29	553	1.08	9.5	28.9	720	27.9	117	0.66	11.1	2.1	181	<0.1	18.4	0.6	4	84	1.8	24.8	77	0.3
C-272763	05DEN443_F	39.638	-104.774	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.38	2.2	3.78	2.24	0.76	0.68	0.05	0.34	<1	5	807	2.1	0.19	0.4	102	12.6	27	4.12	22.2	17.3	0.07	48.1	20	628	1.1	17.1	16.7	970	25.8	107	0.52	10.2	2.4	373	<0.1	14.1	0.5	3.1	94	1.3	22.6	113	<0.2
C-272764	05DEN182_F	39.814	-105.092	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.6	1.38	2.57	1.68	0.63	0.62	0.04	0.23	<1	6	614	1.7	0.36	0.4	89.9	8.4	34	4.22	21.7	13.5	0.06	44.2	20	408	1.07	9.3	18.2	710	37.6	80.9	0.91	9	1.8	253	<0.1	12.7	0.4	2.6	74	1.1	19.5	93	0.2
C-272766	05DEN022R_F	39.843	-104.932	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.48	1.07	1.92	2.99	0.4	1.5	0.03	0.18	<1	3	809	3	0.14	0.4	91.2	5.7	17	2.4	13.9	13.9	0.05	39.8	11	447	1.93	16.1	9.9	520	33.8	129	0.45	6.3	1.9	246	<0.1	14	0.5	2.4	43	1	20.8	79	<0.2
C-272767	05DEN440_F	39.653	-104.773	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.39	1.37	2.31	2.36	0.39	1.02	0.08	0.21	<1	3	868	1.8	0.14	0.5	90.4	6.9	27	2.92	97.1	12.2	0.04	40.5	14	448	1.5	11	14.6	3520	23.2	105	0.61	6.7	1.6	402	<0.1	12.7	0.6	5.4	63	1	16.9	174	0.7
C-272768	05DEN163_F	39.855	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.08	1.72	2.38	1.73	0.56	0.62	0.03	0.23	<1	6	597	1.8	0.21	0.5	107	8.3	24	4.01	15.7	12.6	0.06	48.5	20	380	0.97	10.4	17.7	820	31.1	83.9	0.68	8.5	1.8	204	<0.1	17.6	0.5	2.6	69	1.1	20.1	79	<0.2
C-272769	05DEN120_F	39.653	-104.905	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.37	1.14	2.42	2.35	0.57	1.36	0.08	0.2	<1	4	686	1.7	0.37	0.6	89.5	7.2	42	2.75	32.5	13.7	0.06	39.5	14	414	1.97	12.3	16.4	990	111	92.9	1.39	7.3	2.7	204	<0.1	13.7	0.4	2.9	62	2.9	19.3	155	<0.2
C-272770	05DEN166_F	39.812	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.12	1.8	2.14	1.74	0.8	0.67	0.14	0.18	<1	5	510	1.8	0.31	0.4	82.5	7.9	30	4.44	31	12.3	0.06	38.4	21	356	0.93	8.6	18.4	2560	26.8	85.2	0.86	7.7	1.8	223	<0.1	13.2	0.5	3.3	61	1	17.8	129	0.4
C-272772	05DEN372_F	39.681	-105.166	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.43	1.4	6.32	1.92	0.86	0.67	0.04	0.49	<1	10	781	2	0.35	0.8	93.1	18.4	38	3.97	29.7	18.5	0.09	46	18	889	1.43	14.5	22	1010	71.2	83.2	0.91	14.6	2.4	448	0.1	14.2	0.6	2.8	200	1.5	25.2	135	<0.2
C-272773	05DEN461_F	39.813	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.17	1.26	2.14	2.55	0.41	0.99	0.02	0.22	<1	5	887	1.8	0.15	0.2	107	6.7	21	2.96	12.3	12.3	0.04	47.9	14	404	0.67	13.9	13.6	600	26	122	0.44	6	1.6	239	<0.1	14.7	0.6	2.7	65	0.8	19.6	53	<0.2
C-272774	05DEN273_F	39.581	-104.998	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.01	1.47	3.43	2.37	1.9	1.22	0.05	0.21	<1	5	534	3.9	1.32	0.2	82.2	8.8	24	9.48	78.9	22.9	0.18	36	37	814	2.02	11.7	17.8	670	19.6	99.3	0.31	13.3	4.3	268	1	9.7	0.6	4.6	54	1.8	21.8	115	0.8
C-272775	05DEN224_F	39.696	-105.073	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.12	6.09	1.86	4.05	2.27	0.82	0.85	0.09	0.32	1	9	695	1.6	1.72	1.4	95.1	13.1	34	<5	105	14.8	0.19	42.4	17	820	1.93	11.5	17.4	1440	143	110	3.55	13.2	2.8	413	0.2	12.2	0.5	2.8	129	2.7	21.7	330	0.3
C-272776	05DEN002_F	39.870	-104.884	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.69	3.82	2.43	2.63	0.68	0.92	0.04	0.24	<1	5	775	1.9	0.29	0.3	118	8.1	28	<5	20.6	13.7	0.05	51.7	23	497	1.41	15.9	18	820	30.7	123	0.59	8.3	2.3	345	<0.1	18.7	0.7	4.4	70	1.5	25.5	79	<0.2
C-272777	05DEN181_F	39.827	-105.095	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	4.91	0.97	2.43	1.62	0.56	0.51	0.04	0.24	<1	9	537	1.5	0.98	0.9	88.1	8.6	30	<5	59.3	11.8	0.13	39.8	20	496	2.7	8.6	17.4	630	73.9	78.6	2.04	8.8	2.4	156	0.1	13.1	0.6	3	78	1.8	18.6	212	0.3
C-272778	05DEN096_F	39.682	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.24	5.74	1.05	2.31	3.96	0.43	0.89	0.05	0.27	<1	3	979	2.2	0.3	0.5	125	6.8	24	<5	19.8	14.5	0.06	53.8	15	499	2.32	31.5	11.8	940	51.9	175	0.62	7.5	3.6	245	<0.1	16.7	0.7	3.6	58	2.8	31.5	112	<0.2
C-272779	05DEN192_F	39.827	-105.110	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.17	6.02	1.85	3.55	2.04	1.15	0.77	0.08	0.26	1	13	607	2.3	2.37	1.1	85	10.1	40	6	106	16.8	0.23	37.2	25	756	2.92	11.1	20.8	620	117	89.6	3.78	11.6	6.6	203	0.5	11.8	0.7	3.7	82	2.9	19.8	304	0.3
C-272785	05DEN426_F	39.712	-104.791	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.67	2.06	3.5	2.36	0.55	0.81	0.03	0.33	<1	4	913	1.8	0.22	0.5	140	11.5	29	<5	26.2	14.3	0.05	66.6	19	726	1.04	14.3	16.8	1160	28.7	93.2	0.57	9.1	2.1	368	<0.1	19.2	0.5	4.1	112	1.3	23.9	87	0.3
C-272786	05DEN012_F	39.842	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.4	1.63	2.42	2.47	0.58	1.06	0.08	0.23	<1	4	708	1.8	0.34	0.5	92.8	6.8	29	<5	33.3	13.3	0.07	41.6	17	485	1.28	13.1	14.7	1550	69.2	113	1.63	7.6	3.5	265	<0.1	13.1	0.5	2.9	62	1.7	22.6	168	0.2
C-272787	05DEN299_F	39.596	-104.864	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.43	3.03	4.01	2.18	0.79	0.59	0.06	0.37	<1	5	955	2	0.22	0.3	119	12.9	32	<5	30.1	16	0.06	52.4	25	800	1.06	15.9	20.2	1070	24.2	94.9	0.66	11.2	2.2	468	<0.1	17.1	0.5	5.7	132	1.9	24.8	103	0.5
C-272788	05DEN008_F	39.856	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.17	0.96	1.86	2.95	0.35	1.2	0.07	0.17	<1	3	825	1.7	0.17	1.3	89	4.5	31	<5	28.6	12.4	0.04	39.6	11	386	1.59	13.2	14.2	870	291	128	1.01	5	3.6	230	<0.1	14.6	0.6	3	40	2.2	20	296	0.2
C-272789	05DEN448_F	39.609	-104.81	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.53	1.06	2.49	2.84	0.5	1.45	0.08	0.21	<1	3	842	2	0.22	0.4	108	7.8	36	<5	27.9	14	0.06	45.5	15	436	1.6	13.6	15.3	680	75.7	123	1.15	6.5	3.2	244	<0.1	16.4	0.6	3.5	56	13.9	19.9	191	0.2
C-272790	05DEN394_F	39.870	-105.241	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6	0.93	2.69	1.81	0.52	0.87	0.06	0.24	<1	11	527	1.9	0.53	0.9	82.2	8.5	36	<5	18.8	14.4	0.07	37.9	30	529	1.39	8.3	21.9	780	81.5	93.1	1.14	9.2	2.3	133	0.2	14.7	0.7	3.4	73	2.7	17.4	90	0.5
C-272791	05DEN049_F	39.769	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.09	1.21	2.54	2.86	0.37	1.27	0.05	0.21	<1	4	775	1.9	0.34	1.9	141	5.9	31	<5	51.4	13.4	0.08	71.1	11	510	2.25	19.8	14.1	760	160	122	6.8	5.7	7.1	205	<0.1	24	0.6	3	52	1.5	21.2	285	<0.2
C-272792	05DEN140_F	39.768	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.6	1.37	2.55	2.83	0.44	1.38	0.08	0.18	<1	4	747	1.5	0.25	0.9	149	5.8	34	<5	28.7	12.6	0.12	69.6	12	478	1.05	8.2	13	980	266	119	1.68	6	14	244	<0.1	26.7	0.7	3.4	59	2.7	18.5	309	<0.2
C-272793	05DEN417_F	39.773	-104.789	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.39	0.82	2.69	2.94	0.39	1.15	0.02	0.26	<1	3	844	1.7	0.14	0.2	142	6.8	24	<5	13.8	13	0.04	68	14	493	0.71	18.3	12.3	730	28.5	126	0.53	6.2	1.7	230	<0.1	21.7	0.7	3.1	77	1.3	23.4	70	<0.2
C-272794	05DEN464_F	39.857	-104.773	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.61	0.78	2.49	2.53	0.53	1	0.03	0.26	<1	4	741	1.8	0.25	0.4	127	8.3	31	<5	20.5	13.2	0.05	55.1	20	521	1.08	12.3	16.9	790	35.3	114	0.77	7.9	2	201	<0.1	19.1	0.6	3.7	73	1.4	23.3	86	0.4

									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	ICPAES_MS	ICPAES_MS	Sa Hyd
Lab No.	Field No.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	Datum	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
									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	ppm
C-272795	05DEN218_F	39.654	-105.053	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.27	1.52	2.51	2.22	0.9	0.97	0.08	0.21	<1	3	601	1.9	0.35	0.5	91.6	7.2	30	<5	31.5	13.8	0.06	40.5	23	457	1.08	10.6	15.9	1470	133	91.2	0.69	8.2	2.5	229	0.2	12.7	0.4	3.3	63	2.8	19.2	143	0.3
C-272797	05DEN100_F	39.682	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.86	1.3	2.94	2.66	0.63	1.04	0.08	0.28	<1	4	827	2	0.25	1	130	8.9	30	<5	32.8	14.1	0.07	56	17	626	2.11	16.7	16	1230	232	122	1.58	9.6	3.1	366	<0.1	18.1	0.5	3.4	78	2.5	26.6	157	<0.2
C-272798	05DEN418_F	39.769	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.82	0.84	3.64	2.78	0.27	1.11	0.02	0.34	<1	2	841	1.6	0.15	0.2	206	8	28	<5	11.7	13.1	0.04	101	9	686	0.59	19.7	12	650	31.7	105	0.36	5.6	1.7	224	<0.1	33.2	0.5	3.9	114	1	26.5	68	<0.2
C-272799	05DEN085_F	39.711	-104.828	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.04	1.9	2.2	2.21	0.56	0.84	0.06	0.21	<1	4	696	1.7	0.18	0.3	104	7	24	<5	65.3	12.6	0.04	45.4	18	466	1.12	12.7	17.1	2190	25.5	93.9	0.66	7	1.7	237	<0.1	15	0.4	2.9	64	1	19.1	116	0.3
C-272800	05DEN287_F	39.595	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.51	1.75	3.25	2.52	0.76	0.81	0.07	0.28	<1	3	704	2	0.22	0.7	89.7	10	36	<5	28.8	16	0.06	39.8	22	616	1.33	12.5	17.3	1260	143	104	1.13	10.9	2.5	372	<0.1	11.3	0.5	3.2	87	2.2	22.2	150	<0.2
C-272801	05DEN087_F	39.697	-104.846	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.76	1.16	4.05	2.92	0.5	0.95	0.08	0.34	<1	4	1460	1.8	0.17	0.4	116	10.9	38	<5	25.8	14.9	0.05	51.2	16	658	1.68	13.6	16.9	1480	53.1	122	0.71	10.2	2.1	967	<0.1	25	0.7	3.8	132	2.2	22.3	138	0.2
C-272802	05DEN300_F	39.639	-105.045	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.58	2.86	4.51	2.28	0.78	0.92	0.03	0.37	<1	5	736	1.8	0.2	0.3	136	13.8	36	<5	25.1	14.6	0.05	64.4	21	775	1.11	11.5	20.2	1110	32.5	89.2	0.64	11	1.8	354	<0.1	22.1	0.6	3.3	152	1	24.1	103	<0.2
C-272803	05DEN115_F	39.652	-104.995	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.19	6.43	1.2	3.09	3.26	0.64	1.03	0.05	0.31	<1	15	877	2.3	0.4	0.7	123	9	34	<5	38.9	16	0.09	52.4	21	733	1.95	27.1	17.3	1050	125	149	1.22	9.6	4.5	269	0.2	16.8	0.8	4.1	71	2.1	32.8	170	0.3
C-272804	05DEN071_F	39.726	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.14	5.85	1.36	2.39	2.86	0.58	0.92	0.06	0.23	<1	4	793	2.2	0.48	0.6	123	7.5	27	<5	24.6	14.9	0.05	57.5	19	492	1.24	17.7	15.9	1200	51.7	137	0.67	8.2	3.4	248	<0.1	19.3	0.7	3.6	64	1.1	25.4	127	0.2
C-272805	05DEN156_F	39.798	-104.997	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.72	1.99	3.28	2.32	0.7	0.89	0.11	0.27	<1	7	622	2	0.52	1	133	10.4	42	5	35.5	16.1	0.1	59.7	25	567	1.61	12.1	21.8	750	58.5	131	1.27	10.7	2.7	227	0.1	24.1	0.7	4.2	104	1.5	23.2	164	<0.2
C-272806	05DEN286_F	39.595	-104.923	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.05	1.34	3.51	2.54	0.66	0.9	0.05	0.32	<1	4	820	2	0.21	0.4	125	10.8	30	<5	26.6	15.6	0.06	54.6	22	660	1.04	16.2	18.7	1020	53.8	112	0.96	10	2.6	311	<0.1	17.5	0.5	3.6	103	2.2	26.9	121	0.2
C-272807	05DEN319_F	39.653	-105.148	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.32	2.33	3.79	2.3	0.95	1.53	0.05	0.25	<1	4	597	2.3	0.3	0.3	92.7	10.1	32	<5	25.9	19	0.08	36.4	29	677	1.2	11.9	19.2	740	25.9	102	0.67	11.2	3.3	198	<0.1	16	0.4	4.1	89	1.4	22.4	94	0.3
C-272808	05DEN462_F	39.827	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.87	3.34	7.93	2.1	2.75	1.69	0.04	0.74	<1	1	599	1.6	0.15	0.3	105	30.3	65	<5	79.2	20.5	0.12	43	27	1540	0.7	12.1	44.9	2000	13.6	86.3	0.17	31	2.7	178	<0.1	11.7	0.6	3.5	200	1.1	40.1	167	<0.2
C-272809	05DEN065_F	39.740	-104.809	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.73	1.58	2.16	2.43	0.45	0.95	0.08	0.24	<1	3	716	1.6	0.16	0.2	84.1	6.5	24	<5	30.7	12.2	0.04	37.9	12	478	0.8	16.6	11.7	2010	25.2	98.7	0.43	6.8	2.6	257	<0.1	13.7	0.5	3.3	60	0.9	19.3	105	0.5
C-272810	05DEN148_F	39.857	-105.055	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.46	1.22	2.45	2.2	0.63	0.76	0.08	0.21	<1	4	590	1.9	0.32	1.1	93.7	7.6	29	<5	34.7	13	0.05	41.6	21	400	1.31	10.4	18.2	1150	65	93.2	1.21	8.3	2.9	168	<0.1	14.6	0.6	3.1	69	3.6	18	329	0.2
C-272812	05DEN131_F	39.639	-104.978	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.71	1.16	2.87	3.13	0.62	1.13	0.05	0.28	<1	5	829	2.3	0.26	0.5	127	8.2	31	<5	27.6	15	0.06	53.3	16	613	1.09	23.5	15.5	820	127	139	0.72	9.5	2.8	240	<0.1	20.7	0.7	3.2	74	1.7	27.9	136	<0.2
C-272813	05DEN210_F	39.725	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	7.09	3.52	4.77	2.38	1.07	1.12	0.07	0.39	<1	31	840	1.7	0.35	0.9	123	14.4	37	<5	39.1	17	0.09	55.1	22	890	1.68	14.2	20.1	1320	205	88.3	1.89	14.1	5.8	582	<0.1	16.4	0.6	3	143	3.3	25.3	240	<0.2
C-272814	05DEN067_F	39.726	-104.829	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.2	1.06	2.66	2.89	0.62	0.91	0.06	0.24	<1	4	871	2.3	0.21	0.5	125	8.1	32	<5	20.8	15.9	0.06	55.1	21	540	1.64	15.9	18.4	1070	44.4	147	0.68	9	2.4	223	<0.1	18.9	0.8	4.1	73	1.2	25.9	377	0.2
C-272815	05DEN219R_F	39.639	-105.053	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.21	2.85	3.22	2.08	0.91	0.65	0.04	0.28	<1	6	643	2.1	0.25	0.3	98	10.2	29	5	26.8	14.7	0.06	43.8	29	582	1.45	12.3	25	860	23.9	91.7	0.75	10.6	2	315	<0.1	13.5	0.7	3.2	103	1	22	92	0.2
C-272816	05DEN058_F	39.741	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	5.7	2.11	3.03	2.82	0.62	1.22	0.07	0.21	1	10	1050	2	0.36	1.1	127	7.9	32	<5	81.4	15.1	0.41	56.7	24	1390	2.8	14.3	18.4	860	553	131	5.84	7.7	5.6	252	0.2	20.5	0.7	3.5	67	3.3	24	1590	0.2
C-272817	05DEN212_F	39.739	-105.055	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	6.03	2.09	3.42	2.46	0.84	1.24	0.1	0.26	<1	5	777	1.7	0.38	1.5	117	10.3	36	<5	46.7	15.3	0.09	50.2	17	683	1.57	11.3	19.2	1410	368	97.3	1.74	10.9	4.7	387	<0.1	18.6	0.6	2.6	91	2.5	21.2	251	0.2
C-272818	05DEN098_F	39.682	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.85	1.08	2.59	3.16	0.49	1.05	0.05	0.26	<1	3	854	2	0.27	0.8	127	7.5	29	<5	23.4	14.1	0.06	55.5	16	508	1.86	21.3	14.8	1190	176	141	0.9	8.1	3.4	276	<0.1	21.9	0.6	4	68	3.3	28.7	142	0.2
C-272819	05DEN260_F	39.629	-105.053	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.11	1.32	2.68	1.95	0.64	0.53	0.06	0.23	<1	5	578	1.6	0.24	0.7	73	9	28	<5	28.7	12.1	0.05	33.4	21	521	1.65	8.5	17.8	1250	40.2	82	0.74	9	1.8	227	<0.1	10.5	0.5	2.8	86	1	17.6	136	0.3
C-272820	05DEN258R_F	39.610	-105.035	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.03	0.91	2.39	2.33	0.52	0.74	0.04	0.23	<1	4	702	2	0.27	0.6	120	7.8	29	<5	19.8	12.3	0.06	52.2	18	548	1.69	13.9	15.4	880	72.4	95.9	0.71	8.1	2.2	256	<0.1	16	0.5	4.4	63	1.4	24.5	100	0.3
C-272821	05DEN326_F	39.785	-105.129	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.58	6.25	1.55	3.82	2.56	0.8	1.34	0.12	0.28	3	19	653	2.5	5.43	3.2	109	11.2	50	5	203	16.6	0.51	47.9	23	872	5.01	11.7	23.2	1240	272	130	9.22	11.7	3.9	243	0.4	18.1	0.9	4	85	4	21.8	685	0.3
C-272822	05DEN325_F	39.769	-105.130	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.27	5.87	1.35	3.52	2.56	0.74	1.2	0.07	0.24	1	112	746	1.7	17	3.3	116	9.8	43	<5	105	14.5	0.26	51.3	18	797	5.25	9	17.5	1060	250	114	15.1	9.8	5.9	284	3.1	21.7	0.8	3.7	88	2.5	20.5	335	<0.2
C-272823	05DEN323_F	39.726	-105.184	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	8	1.84	4.82	2.45	0.82	0.88	0.04	0.42	<1	2	632	1.8	0.29	0.2	84.2	15.9	26	5	38.6	19.3	0.07	41	16	788	1.13	13.6	18.1	1470	48	141	0.47	16.5	3.6	468	0.1	9	0.7	2.6	148	2.1	26.8	126	<0.2
C-272824	05DEN216_F	39.683	-105.051	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.05	2.19	4.44	2.56	0.91	1.04	0.08	0.38	<1	3	840	1.6	0.25	0.6	98.7	13.3	37	<5	49.9	14.1	0.06	44	14	805	1.87	13.3	18	1630	227	91	0.88	13.9	2.6	659	<0.1	12.7	0.5	2.7	152	1.4	19.5	263	<0.2
C-272825	05DEN388_F	39.854	-105.184	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.4	6.5	3.35	1.62	0.9	0.56	0.06	0.26	<1	10	644	1.7	0.43	0.7	79.1	11.6	48	6	53.1	14.8	0.38	32.3	29	683	6.3	9.3	26.9	570	135	82	2.09	9.6	4.4	211	0.1	11.1	0.6	2.3	95	1.8	18	462	0.3
C-272826	05DEN288_F	39.581	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.16	3.07	3.66	2.27	0.72	0.64	0.04	0.33	<1	6	710	2	0.29	0.4	118	11.6	32	<5	28.3	15.1	0.06	50.4	26	642	1.18	14.4	19.8	930	63.6	98.6	0.82	10	2.1	329	<0.1	16.4	0.7	3.6	112	1.3	23.5	110	<0.2
C-272827	05DEN468_F	39.871	-104.810	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.31	0.77	2.73	2.8	0.34	1.12	0.01	0.28	<1	3	826	1.7	0.15	0.1	204	6.4	20	<5	10.7	12.8	0.04	83.3	12	467	0.77	19.1	12.9	720	27.7	121	0.35	5.9	1.5	218	<0.1	36.3	0.7	4.2	78	0.8	29.2	55	<0.2
C-272828	05DEN312_F	39.711	-105.128	7/22/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.84	1.69	4.06	2.24	0.78	0.78	0.06	0.34	<1	4	757	1.9	0.26	0.5	80.8	11.7	31	<5	39.1	16	0.07	39	19	692	1.17	12.8	18.4	1210	61.2	89.2	1.68	12.8	2.1	462	<0.1	11.3	0.5	2.4	123	1.3	21.5	130	0.4
C-272829	05DEN272_F	39.596	-104.998	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.52	1.78	3.17	2.67	0.6	1.01	0.1	0.28	<1	4	785	1.8	0.36	0.4	99	8.8	49	<5	27.7	12.8	0.09	43.9	15	599	1.13	16.1	15	1240	203	97.1	0.84	8.4	2.9	408	<0.1	13.7	0.6	2.5	91	1.3	20.5	120	0.4
C-272830	05DEN392_F	39.812	-105.241	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.84	3.51	5.06	2.8	2.13	1.83	0.05	0.39	<1	2	725	2.3	0.19	0.2	83.3	19.4	135	5	53.5	16	0.06	37.9	21	1130	1.89	18.6	57.3	1950	23.3	119	0.41	17.9	2.2	578	<0.1	12.3	0.4	3	158	1.4	21.1	104	<0.2
C-272833	05DEN047_F	39.769	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.06	0.95	2.07	2.79	0.39	1.37	0.1	0.17	<1	3	771	1.8	0.24	1.1	97	5.1	28	<5	29.9	12.5	0.06	44.3	12	379	2.82	13.5	13.2	950	102	120	1.26	5.7	3.5	183	<0.1	16.4	0.6	3.5	45	3.2	19.6	220	<0.2
C-272834	05DEN243_F	39.639	-105.091	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.12	2.28	3.21	2.25	1.07	0.73	0.05	0.25	<1	6	617	2.2	0.51	0.3	91.8	9.2	40	5	36.2	15.8	0.07	41	30	549	1.53	10	22.5	660	27.5	104	0.75	10.1	2.2	232	0.3	14.9	0.7	3.3	100	1.3	20.6	95	0.4
C-272840	05DEN118_F	39.653	-104.938	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.05	1.51	3.24	2.83	0.57	1.21	0.07	0.28	<1	4	839	2.1	0.28	0.6	113	9.5	26	<5	26	15.4	0.06	49	16	637	1.52	17.1	15.4	870	320	119	0.86	8.7	2.9	356	<0.1	17.2	0.6	3.1	87	3.8	25.7	186	<0.2
C-272841	05DEN151_F	39.827	-105.054	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.31	0.79	1.78	2.51	0.42	0.9	0.05	0.19	<1	2	729	1.7	0.22	0.3	125	4.4	21	<5	238	12.2	0.04	54.8	16	198	1.02	10.6	12.8	690	73	106	0.59	6.4	1.8	204	<0.1	19.8	0.7	4.8	53	1.1	21	85	0.2
C-272842	05DEN218R_F	39.654	-105.054	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.02	2.12	3.88	2.45	0.84	0.85	0.06	0.35	<1	4	799	1.9	0.26	0.4	111	12.3	32	<5	29	15.9	0.07	49	22	732	1.22	17.3	18.9	1300	34	110	0.71	12.3	2.1	460	<0.1	15.3	0.6	3.2	120	1.5	25.5	121	0.6
C-272844	05DEN168R_F	39.752	-105.053	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.58	5.67	1.46	3.13	2.78	0.5	1.17	0.06	0.23	2	6	836	2.1	0.67	1.9	140	8.3	41	<5	70.9	14.3	0.17	66.8	16	727	1.66	17.2	20.8	1280	244	125	4.45	7.6	15.2	267	<0.1	25.1	0.7	4.2	67	2.1	24.9	542	0.4
C-272845	05DEN075R_F	39.725	-104.978	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	5.4	1.02	2.27	2.85	0.43	1.06	0.07	0.22	<1	5	847	2	0.42	1.6	132	6.3	26	<5	37.7	13.3	0.11	56.9	14	553	3.54	15.3	13.8	1010	388	127	1.79	6.4	6.1	214	<0.1	21.5	0.7	4.1	54	2.4	21.7	383	0.3
C-272846	05DEN434_F	39.681	-104.773	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.95	1.28	4.4	2.33	0.6	0.99	0.05	0.37	<1	2	938	2	0.19	0.3	101	10.1	30	<5	27.9	16.5	0.05	46.3	23	614	1.26	16.8	17.6	1440	27.1	94.7	0.58	10.5	1.9	363	<0.1	13	0.5	4.9	129	1.6	24	136	<0.2
C-272847	05DEN106_F	39.668	-104.847	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.36	0.69	1.64	3.43	0.31	0.98	0.05	0.18	<1	3	896	1.9	0.17	0.5	93.2	5.5	20	<5	17.2	15.4	0.04	37.7	12	337	1.48	17	9.5	770	49.7	160	0.52	4.7	1.7	197	<0.1	13.6	0.7	3	44	1.5	18.6	89	0.2
C-272848	05DEN264_F	39.610	-105.016	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.44	1.79	2.69	3.27	0.62	0.88	0.05	0.3	<1	5	918	2.4	0.21	0.4	157	7.7	26	<5	21.9	16.7	0.08	74.2	26	565	1.61	31.6	17	920	36.2	160	0.63	9.2	3.1	225	<0.1	21.4	0.8	4.3	65	1.3	38.8	108	0.2
C-272849	05DEN165_F	39.828	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.3	1.36	2.76	2.39	0.56	1.19	0.09	0.23	<1	4	718	1.5	0.64	1	138	7.3	43	<5	41.3	12.8	0.08	66.7	15	444	1.49	12	23.3	1100	225	112	1.33	7.1	3	255	<0.1	24	0.6	3.4	69	1.9	22.5	235	0.3
C-272850	05DEN334_F	39.814	-105.149	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.19	2.57	3.01	1.67	0.94	0.58	0.06	0.28	<1	6	819	1.9	0.25	0.4	84.4	10.9	28	<5	21.8	12.4	0.05	36.4	20	438	1.14	8.7	20.2	1060	28.8	67.6	0.79	9.8	1.7	264	<0.1	10.7	0.5	2.7	85	1.8	18.6	135	0.2
C-272851	05DEN042_F	39.784	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.68	2.92	2.97	2.81	0.57	0.99	0.03	0.3	<1	4	927	1.9	0.27	0.6	160	8	24	<5	26	13.6	0.05	75.3	17	544	1.52	20.9	16.4	890	60.5	118	0.76	7.4	8.2	342	<0.1	27.3	0.6	4.1	86	1.1	29.7	117	0.2

									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	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.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	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	ppm
C-272852	05DEN056R_F	39.739	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.46	1.05	2.13	3.09	0.4	1.2	0.07	0.2	<1	3	832	2.1	0.25	0.7	140	6.3	31	<5	24.6	13.5	0.06	68.4	13	418	1.46	16.2	13.6	910	141	138	1	6.2	5.4	206	<0.1	23.3	0.7	3.9	52	5.6	24	181	0.3
C-272853	05DEN159_F	39.842	-104.997	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.56	2.06	3.22	2	0.71	0.98	0.09	0.27	<1	2	758	1.6	0.16	0.4	94.4	8.9	16	<5	20.1	14.7	0.05	43.4	10	605	0.83	13.3	11.3	1580	31.7	75.1	0.42	10.4	1.4	422	<0.1	9.4	0.5	2.2	81	1	19.9	105	<0.2
C-272854	05DEN032_F	39.812	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.14	0.75	1.83	3.32	0.29	1.2	0.03	0.19	<1	2	851	1.7	0.16	0.5	121	4.9	20	<5	15.3	12.8	0.04	51.8	11	386	0.81	16.8	10.2	710	108	147	0.53	5	1.8	199	<0.1	22.1	0.8	3.3	44	1	20.3	199	<0.2
C-272855	05DEN030_F	39.798	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.33	1.24	2.58	2.82	0.57	1.3	0.15	0.22	<1	3	793	1.9	0.3	0.6	123	7.1	24	<5	32.5	12.9	0.07	63.5	15	538	2.27	12.6	14.6	690	56	112	0.96	6.4	3	218	<0.1	20.2	0.6	4	57	4.2	22.6	138	<0.2
C-272856	05DEN056_F	39.740	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.4	5.37	1.03	2.33	3.11	0.41	1.03	0.07	0.23	1	7	1000	2	0.76	2.7	149	6.9	28	<5	53.4	13.7	0.15	72.6	15	672	3	19.6	15.7	1510	431	137	3.46	6.8	12.8	231	0.2	27	0.7	4.2	55	1.8	27.3	624	0.6
C-272857	05DEN155_F	39.784	-104.999	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.06	1.81	3.46	2.38	0.78	1.16	0.07	0.26	<1	6	699	2.3	0.5	0.6	101	9.6	40	<5	35	15.9	0.18	46.5	19	664	5.17	15.8	20.7	870	67.1	99.9	1.71	9.8	4.2	336	<0.1	14.7	0.7	3.4	90	3.3	20.8	204	<0.2
C-272858	05DEN351_F	39.798	-105.241	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.31	1.12	3.65	1.54	0.72	1.13	0.04	0.24	<1	5	484	2.8	0.42	0.2	92.7	9	61	7	37.7	13.9	0.05	39.9	56	859	1.63	9.5	25.1	530	20.8	74	0.5	8.7	1.9	208	<0.1	10.6	0.6	2.9	83	2	16	66	<0.2
C-272859	05DEN053_F	39.754	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	6.04	1.09	2.57	3.02	0.59	1.05	0.1	0.25	<1	5	769	2	0.29	1	157	8.2	31	<5	26.8	14.6	0.07	73.9	20	609	2.21	15.7	18	1500	84.1	140	1.01	8.1	2.4	224	0.1	27.6	0.8	4.5	66	1.3	25.3	123	0.4
C-272860	05DEN234_F	39.696	-105.092	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	6.69	2.29	6.35	2.55	1	0.96	0.08	0.52	<1	7	771	1.7	1.11	2.4	118	19.1	42	<5	94.8	17.8	0.16	51.1	18	1310	3.81	14.4	22.9	1790	185	94.9	2.22	16.5	3.4	615	0.2	15.5	0.6	4.8	209	2.1	23.9	508	0.3
C-272861	05DEN315_F	39.653	-105.130	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.08	2.01	3.63	1.94	1.08	0.51	0.02	0.3	<1	4	695	1.9	0.19	0.2	92.4	12.1	37	<5	19.2	14.7	0.05	42	21	705	0.73	13.1	25.8	910	17.6	83.9	0.55	11.8	1.7	607	<0.1	12.7	0.6	2.7	105	0.9	22.8	83	<0.2
C-272862	05DEN176_F	39.856	-105.074	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	4.31	0.84	1.96	1.83	0.4	0.83	0.06	0.21	<1	6	543	1.5	0.45	0.5	97.1	6.7	25	<5	29.8	10.2	0.05	42.4	16	363	1.5	7.9	16.2	610	65.8	78.7	1.42	6	2.1	156	<0.1	15.6	0.5	2.6	59	1.6	16.8	114	0.2
C-272863	05DEN449_F	39.610	-104.791	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.54	1.38	2.78	2.92	0.55	0.93	0.12	0.29	<1	4	1010	2.4	0.22	0.2	113	9.4	27	<5	21.7	16.3	0.05	51.3	20	585	0.89	16	17.8	720	27.4	128	0.46	9	1.9	339	<0.1	16.7	0.8	4.3	81	1.3	23.3	73	0.4
C-272864	05DEN137_F	39.769	-104.996	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.16	5.63	1.22	2.69	2.78	0.55	1.08	0.08	0.21	<1	11	710	1.9	0.98	3	154	7.3	32	<5	51.7	14	0.16	74.5	18	496	1.53	12.6	17.3	1900	131	133	2.02	7.7	3.9	209	0.2	27.2	0.8	4.6	65	2.5	24.3	242	0.2
C-272865	05DEN203_F	39.639	-105.022	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.98	2.07	3.39	2.52	0.85	1.08	0.07	0.28	<1	4	862	2.1	0.3	0.7	114	10.4	30	<5	30.8	15.1	0.07	50	20	641	1.28	14	20.1	1280	68.6	98.5	1.93	11.3	3	432	<0.1	16.5	0.6	3.2	99	1.6	23.4	190	0.2
C-272866	05DEN457_F	39.784	-104.790	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.51	0.87	2.42	3.29	0.31	1.35	0.01	0.24	<1	2	1000	1.7	0.13	0.2	125	6.5	16	<5	11.8	13	0.04	52.9	11	450	0.51	18.6	11.7	600	30	129	0.37	5.1	1.4	246	<0.1	17.8	0.7	2.8	70	0.9	20.6	57	<0.2
C-272867	05DEN444_F	39.622	-104.823	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.32	0.99	1.87	3.21	0.39	0.9	0.06	0.24	<1	11	878	2.1	0.2	0.4	105	5.8	23	<5	63.9	14.4	0.04	43.4	13	466	1.32	25.4	11	2850	51.3	147	0.63	5.5	1.9	220	<0.1	18.5	0.7	3.2	50	1.1	22.4	132	0.4
C-272868	05DEN070_F	39.725	-104.885	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.15	2.56	2.86	2.72	0.72	0.93	0.07	0.27	<1	5	832	2.2	0.22	0.3	127	9.2	33	<5	20.2	16	0.05	57.1	23	481	1.06	16	21.6	800	30	131	0.59	9.2	2	301	<0.1	20.9	0.7	3.9	86	1.1	25.5	77	<0.2
C-272869	05DEN023_F	39.856	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.1	2.34	2.61	3	0.65	1.27	0.09	0.23	<1	4	841	2.2	0.32	0.7	111	7.7	36	<5	32	15.1	0.07	52.3	20	547	2.31	14.7	18	980	59.4	131	1.1	8.4	2.7	265	<0.1	17.2	0.7	3.4	65	6.3	22.6	357	0.3
C-272871	05DEN127_F	39.639	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.24	0.85	2.03	2.63	0.36	1	0.08	0.24	<1	3	753	2	0.19	0.5	145	6.3	22	<5	20.7	12.7	0.04	61.3	14	457	2.21	15.4	14	1070	44.9	98.9	0.63	5.9	1.9	197	<0.1	19.4	0.6	6.2	56	2.2	20.9	103	0.3
C-272872	05DEN375_F	39.666	-105.140	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6	1.51	3.46	2.3	0.89	1.01	0.08	0.27	<1	3	707	1.8	0.24	0.4	63.8	11.4	32	<5	29.5	14	0.06	32.6	19	607	1.01	12.4	16.5	1060	62.2	86.6	0.73	11.5	2	315	<0.1	9.8	0.5	2.6	96	8.9	18.9	124	<0.2
C-272874	05DEN207_F	39.682	-105.034	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.31	2.69	6.17	2.47	0.93	0.84	0.07	0.46	<1	6	793	1.4	0.25	0.6	90.3	17.7	42	<5	35.3	16.5	0.07	38.3	20	855	1.2	14.9	19.4	1690	75	91.2	0.92	16.2	2.9	593	<0.1	13.1	0.5	2.2	205	1.4	22.2	151	0.3
C-272875	05DEN365_F	39.770	-105.203	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	8.01	3.04	5.94	2.09	1.41	1.4	0.04	0.44	<1	5	879	1.4	0.63	0.5	88.7	18.3	39	<5	57.8	20	0.12	38.9	20	982	0.97	18.1	19	1870	61.7	80	1.05	18.9	3.2	623	0.1	14.3	0.5	2.4	164	2	28.6	167	<0.2
C-272876	05DEN279_F	39.624	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.51	1.5	3.45	2.88	0.55	1.36	0.06	0.25	<1	4	790	1.5	0.23	0.4	95.1	10	35	<5	32	14.3	0.05	39.2	16	535	1.69	13	16.2	950	63.4	128	1.03	7.7	2.8	282	<0.1	20	0.5	3.1	88	16.1	21.2	154	0.2
C-272877	05DEN187_F	39.755	-105.109	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.33	1.95	3.87	2.34	0.71	1.04	0.07	0.29	<1	6	709	1.3	0.43	0.6	111	10.8	46	<5	34	13.4	0.08	53.5	18	543	1.32	13.6	20.4	1010	154	93.3	1.25	11.3	2.8	350	<0.1	21.7	0.7	2.9	112	5.3	21.9	169	0.2
C-272878	05DEN250_F	39.609	-105.092	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.48	1.53	2.91	2.3	0.78	1.04	0.06	0.19	<1	5	616	1.5	0.36	0.5	74.2	7.5	39	<5	32.6	12.9	0.09	34.8	23	512	1.46	11.1	18.6	610	42.9	96.5	1.08	9.4	2.8	184	0.1	16.7	0.6	3.1	73	2.4	21.6	128	0.2
C-272879	05DEN297_F	39.596	-104.831	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.78	2.93	4.46	2.51	0.83	0.78	0.04	0.36	<1	6	918	1.5	0.23	0.3	115	12.8	39	<5	29.9	14.3	0.06	53.3	29	726	1.06	14.6	21	1020	25.2	98.1	0.61	12	2.2	486	<0.1	18.2	0.7	3.7	136	1.6	24.9	105	0.2
C-272880	05DEN080_F	39.712	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.84	5.6	1.23	2.3	2.61	0.45	0.86	0.1	0.19	3	5	796	1.4	1.57	3.7	88.1	6.1	38	<5	63.3	12.1	0.1	37	18	303	3.8	14.4	15.6	2510	306	122	1.91	8.4	14.8	243	0.1	17.9	0.8	5.5	55	2.4	22	333	0.7
C-272882	05DEN310_F	39.739	-105.129	7/22/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.36	3.17	5.43	2.02	1.17	1.14	0.08	0.39	<1	4	817	1.2	0.25	0.7	92.9	13.8	40	<5	29.4	15	0.07	40.3	17	887	1.06	14.4	21.2	1800	48.4	66.7	0.69	16.9	2.7	666	<0.1	16.9	0.5	2.6	151	1	25.7	140	0.2
C-272883	05DEN338_F	39.726	-105.147	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.57	2.32	4.65	2.7	0.9	1.1	0.08	0.32	<1	3	1050	1.4	0.32	0.5	86.6	13.3	30	<5	44.4	15	0.07	39.3	19	758	1.24	13.9	19	1280	242	101	1.02	14.8	3.5	458	<0.1	15.3	0.5	2.5	129	3	23.6	145	<0.2
C-272884	05DEN386_F	39.871	-105.165	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.35	0.98	2.62	2.28	0.51	1.16	0.07	0.18	<1	5	627	1.3	0.23	0.4	89.3	7.4	35	<5	22.5	12	0.05	37.6	19	394	1.25	9.4	15.8	720	58.7	103	1.09	8.7	2.1	176	<0.1	20.9	0.6	3	69	2.5	20.6	131	0.4
C-272885	05DEN458_F	39.799	-104.791	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.43	1.05	2.31	2.76	0.38	1.04	0.01	0.2	<1	4	882	1.3	0.18	0.2	103	6.8	19	<5	13.3	11.6	0.04	46.5	14	470	0.61	13.8	13	690	28.1	124	0.37	7.2	1.5	240	<0.1	19	0.6	3	64	0.9	20.3	82	<0.2
C-272886	05DEN132_F	39.639	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.51	1.21	2.83	3.17	0.51	1.05	0.05	0.26	<1	5	863	1.4	0.2	0.5	118	7.5	30	<5	20.1	12.4	0.06	55.8	16	503	1.2	27.8	14.5	1670	70.8	144	0.71	9.3	3	224	<0.1	22.3	0.6	3.7	72	1.5	39.3	174	0.2
C-272887	05DEN226_F	39.725	-105.070	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	6.96	4.23	4.33	2.53	0.85	0.83	0.06	0.32	<1	3	776	1.1	0.28	0.6	88.4	12.1	35	<5	32.7	13.4	0.06	38.3	21	677	1.12	11.8	19.5	1740	133	92.4	0.74	13.7	2.2	414	<0.1	12.8	0.4	2.6	128	2.3	22.8	138	0.2
C-272888	05DEN031_F	39.828	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.76	0.99	2.46	3.24	0.47	1.36	0.04	0.22	<1	2	876	1.4	0.19	0.5	107	6.3	27	<5	23.2	12	0.04	46.1	14	426	1.94	12.8	13.3	630	93.1	136	6.77	7.3	2.2	218	<0.1	20.1	0.7	3.1	55	1.3	23.9	173	0.2
C-272894	05DEN058R_F	39.741	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	4.97	1.74	2.16	2.28	0.53	1.04	0.08	0.16	<1	4	683	1.2	0.27	0.9	105	5.5	25	<5	29.6	10.3	0.07	44.9	15	363	1.79	10.5	13.2	990	290	93.6	1.78	7.3	3.7	231	<0.1	21.5	0.5	3.1	50	2.2	21.2	271	0.2
C-272895	05DEN471_F	39.769	-104.866	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.83	0.76	2.58	2.72	0.28	1.19	0.03	0.21	<1	5	957	1.2	0.22	0.5	123	6.5	23	<5	24.8	10.7	0.17	59.2	11	499	1.3	11.8	12.4	690	114	113	1.31	6.1	3.7	228	<0.1	24.9	0.5	3.7	68	1.1	22.2	231	0.2
C-272896	05DEN142_F	39.799	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.8	1.68	3.19	2.26	0.77	1.27	0.11	0.22	<1	33	628	1.2	0.52	0.9	104	8.9	37	<5	105	12.6	0.11	43	25	498	2.04	10.6	18.7	1010	96.7	99.2	2.76	10.4	4	242	<0.1	34.7	0.5	4.1	78	5.1	24.6	323	0.4
C-272897	05DEN436_F	39.667	-104.793	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.34	0.75	2.06	3.4	0.28	1.02	0.02	0.19	<1	3	1020	1.2	0.29	0.3	78.8	5.7	16	<5	13.7	11.3	0.03	35.1	11	540	0.75	13.9	10.1	690	45.9	144	0.46	6.1	1.5	230	<0.1	13.1	0.4	2.3	58	0.9	20.2	71	0.2
C-272898	05DEN305_F	39.806	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.74	1.87	2.77	2.72	0.52	1.31	0.04	0.18	<1	14	803	1.3	0.51	11.5	144	7.2	43	<5	105	12.5	0.41	62.9	16	494	3.23	10.5	25.5	900	273	134	2.21	7.6	6	223	0.2	39.5	0.8	4.8	60	3.6	23.6	439	0.2
C-272899	05DEN059_F	39.740	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.3	1.67	2.69	2.38	0.61	0.99	0.11	0.19	<1	7	755	1.2	0.3	3.5	103	7.2	45	<5	84.8	11.1	0.09	49.5	18	474	3.13	11.8	24.6	1470	411	106	2.43	8.2	12.3	226	0.1	23	0.6	3.1	61	2.7	21	443	0.4
C-272900	05DEN209_F	39.711	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.49	2.66	4.21	2.57	0.74	1.14	0.05	0.33	<1	3	1000	1.2	0.15	0.4	92.6	10.6	23	<5	30.8	13.8	0.05	39.2	17	760	1.41	13.3	25.1	1460	57.6	89.6	0.74	12.4	2.3	679	<0.1	17.9	0.5	3.1	126	1.4	24.5	157	<0.2
C-272901	05DEN082_F	39.711	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.8	0.8	2.16	3.22	0.4	1.03	0.05	0.2	<1	12	877	1.3	0.21	0.5	107	5.7	18	<5	21.9	11.8	0.04	44.7	17	430	1.53	15.4	11.7	760	60.7	137	0.81	7.4	2.3	212	<0.1	21.7	0.7	4.5	56	1.3	22.9	99	0.3
C-272903	05DEN081_F	39.711	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5	0.75	1.7	2.82	0.3	1.04	0.04	0.16	<1	3	812	1.1	0.14	0.4	90.2	4.4	18	<5	18	9.91	0.03	38.3	11	313	1.23	11.5	10.6	620	84.6	118	0.67	5.9	1.8	179	<0.1	16.9	0.6	3.1	41	1.6	17.9	102	<0.2
C-272904	05DEN200_F	39.682	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.55	1.67	3.13	3.57	0.52	1.13	0.04	0.3	<1	8	958	1.6	0.29	0.4	142	7.7	24	<5	25.6	14.4	0.07	66.5	19	546	1.32	30.5	15.2	1000	58.4	159	0.86	9.9	3.3	296	<0.1	27.8	0.7	4.5	76	1.6	33.8	122	<0.2
C-272905	05DEN020_F	39.828	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.89	0.83	1.81	2.04	0.42	0.8	0.07	0.18	<1	4	644	1.2	0.49	0.6	83.3	6.5	33	<5	21.1	11.8	0.05	39.2	16	356	2.14	10.4	14.1	1000	32.4	95.6	0.8	7.1	2.2	196	<0.1	16.8	0.6	3.5	56	1.4	21.1	103	0.4
C-272906	05DEN382_F	39.770	-105.144	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.95	2.19	4.1	2.25	0.93	1.24	0.04	0.29	<1	3	781	1.3	0.26	0.3	81.9	11.2	22	<5	28.7	14.5	0.06	35.6	19	718	1.3	13.4	17.3	1030	32.7	89.7	0.49	13.7	2	444	<0.1	16.8	0.6	2.8	108	1.2	23.9	117	<0.2
C-272907	05DEN425_F	39.726	-104.772	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.6	1.39	2.63	2.5	0.55	1.3	0.07	0.21	<1	3	765	1.3	0.23	0.3	91.9	6.2	24	<5	20.9	11.8	0.05	38.5	17	467	1.27	15.3	24.4	660	33.4	101	0.55	8	2	223	<0.1	21.4	0.4	3.6	65	1.2	20.7	101	<0.2

									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	ICPAES_MS	ICPAES_MS	Se Hyd
Lab No.	Field No.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	Datum	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
									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	ppm
C-272908	05DEN026_F	39.842	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.53	5.74	0.95	4.02	2.87	0.45	1.03	0.03	0.5	1	4	824	1.7	1.55	1.1	62.1	1.5	31	<5	35	14.9	0.15	26.6	16	671	0.17	56.6	2.8	1240	134	133	1.35	11.7	13.8	210	<0.1	76.4	0.4	12.9	99	1.6	62.8	220	0.7
C-272910	05DEN206_F	39.668	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.6	1.28	3.54	2.56	0.55	1.17	0.07	0.27	<1	12	817	1.3	0.48	1	74.3	9.9	31	<5	35.6	12.9	0.08	32.5	14	558	2.92	11.2	15.6	1200	366	103	1.42	10.5	3.2	364	<0.1	15.2	0.5	3.1	108	2.4	21.5	186	<0.2
C-272911	05DEN353_F	39.811	-105.222	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.42	2.51	4.27	2.08	1.26	0.94	0.04	0.32	<1	7	619	1.4	0.35	0.4	59.3	13.3	127	<5	25.6	13.6	0.06	27.2	28	578	1.21	11.4	40.8	990	36.3	92.4	0.96	14.7	2	268	<0.1	16.1	0.5	2.9	158	2.9	21.7	102	0.6
C-272912	05DEN179_F	39.856	-105.091	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.59	2.5	3	1.86	0.7	0.87	0.04	0.24	<1	6	662	1.4	0.44	0.5	95.8	9	33	<5	26.2	13	0.06	41.1	24	437	1.35	11.4	20.3	710	63.1	94.8	1.01	10.6	2.2	211	<0.1	24.7	0.6	5.1	91	1.3	24.6	159	0.2
C-272913	05DEN074_F	39.725	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	5.49	1.49	2.36	2.98	0.47	1.01	0.06	0.19	<1	6	895	1.4	0.3	1.1	113	7.1	25	<5	41.4	12.6	0.12	49	15	566	1.7	17.3	13.9	1140	253	141	2.37	8.1	5.5	251	<0.1	20.1	0.6	3.4	58	2.7	24.4	506	0.3
C-272914	05DEN406_F	39.792	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.43	5.25	1.35	2.87	2.64	0.47	1.4	0.07	0.19	<1	21	829	1.3	3.59	24.9	123	6.5	36	<5	53.1	11.3	0.98	57.5	12	519	4.41	12	17.2	690	181	99.4	3.63	7.3	6.3	220	0.7	17.7	2	2.6	55	4.8	21.5	362	1
C-272915	05DEN003_F	39.871	-104.905	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.05	2.21	2.54	3.32	0.5	1.12	0.02	0.25	<1	4	914	1.5	0.19	0.3	129	7	20	<5	17.1	13.8	0.06	59.6	18	468	1.05	23	14.4	740	35.4	149	0.6	8.9	2.8	273	<0.1	26.9	0.7	4.3	59	1.5	30.6	76	<0.2
C-272916	05DEN314_F	39.682	-105.129	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.54	6.08	2.41	3.87	1.68	0.83	1.02	0.04	0.28	<1	3	617	1.1	0.33	0.7	80.6	9.7	21	<5	31.3	12.7	0.07	35.4	15	670	1.3	11	14.1	1100	51.1	67.6	0.99	12.5	2	482	<0.1	10.6	0.4	2.3	96	1.2	20.1	127	<0.2
C-272917	05DEN345_F	39.725	-105.205	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.24	2.36	2.96	1.69	0.61	0.68	0.03	0.2	<1	6	558	1.3	0.29	0.4	73	9	22	<5	20.3	11.9	0.06	33	24	481	1.04	10.1	19.9	470	31.5	81.5	0.67	10.7	2	127	<0.1	14.6	0.4	2.4	80	1	24.2	79	0.2
C-272918	05DEN136_F	39.755	-105.015	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.7	1.6	3.36	2.35	0.63	1.23	0.05	0.23	<1	3	739	1.3	0.24	0.6	147	23.3	41	<5	28.9	12.5	0.08	65.2	15	527	1.39	10.5	18.3	970	133	96.5	1.14	9.6	3.2	289	<0.1	28.5	0.5	3.6	83	2.2	24.3	267	0.2
C-272919	05DEN072_F	39.725	-104.923	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	5.21	1.09	2.55	2.6	0.44	1.27	0.08	0.18	<1	4	772	1.3	0.37	1	116	8.1	37	<5	33.9	11.4	0.06	53.8	14	451	1.68	11	23.5	1000	202	110	1.52	7.6	4.3	233	<0.1	17.6	0.6	3	66	2.1	20.4	171	<0.2
C-272920	05DEN204R_F	39.639	-105.035	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.06	3.64	3.74	2.32	0.81	0.83	0.06	0.25	<1	6	724	1.5	0.41	10.6	114	10.5	44	<5	31.5	12.8	0.07	53.8	26	588	2.2	10.8	22.7	1330	1080	92.7	0.9	10.6	2.6	344	<0.1	16.5	0.7	3.1	104	1.6	23	1990	0.4
C-272921	05DEN024_F	39.856	-104.885	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.91	1.48	2.85	2.99	0.46	1.16	0.02	0.23	<1	4	909	1.5	0.21	0.3	131	8.5	45	<5	26.2	12.2	0.05	59.5	38	477	1.23	18.3	13.9	780	34.2	129	0.5	7.6	2.3	251	<0.1	25.9	0.8	4.4	71	2	24.6	86	<0.2
C-272922	05DEN076R_F	39.727	-104.997	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.52	5.83	1.15	2.81	3.09	0.42	1.09	0.05	0.27	<1	8	996	1.5	0.49	1.3	173	8	50	<5	50.8	12.9	0.09	81.8	23	649	2.06	29.8	13.8	1070	246	143	1.8	8.1	9.4	239	<0.1	27.6	0.7	4.5	66	2.5	31.8	378	<0.2
C-272923	05DEN421_F	39.754	-104.810	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.63	1.01	2.47	2.58	0.38	0.92	0.03	0.22	<1	4	924	1.3	0.2	0.3	110	9.2	41	<5	19.3	11.4	0.04	53.6	16	532	1.16	13.3	10.9	570	29.6	95.1	0.48	7.1	1.7	218	<0.1	25.4	0.6	3.9	67	1.1	21.6	76	<0.2
C-272924	05DEN301_F	39.680	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	6.29	1.17	2.92	3.14	0.53	1.3	0.11	0.2	<1	4	946	1.8	0.32	1	107	9.6	34	<5	39	15	0.08	44.8	19	546	2.85	16.9	20.2	1040	104	146	1.05	9.8	3.5	249	<0.1	16.1	0.8	3.8	80	2	26.6	210	0.4
C-272925	05DEN038_F	39.798	-104.847	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.91	1.03	2.3	2.88	0.39	1.16	0.03	0.18	<1	4	836	1.6	0.21	0.3	90.9	6.2	30	<5	19.3	14	0.04	41.4	14	406	0.91	14.6	12.8	760	42.4	139	0.56	6.9	2.3	224	<0.1	18.5	0.6	2.8	58	1.1	19.3	94	<0.2
C-272926	05DEN432_F	39.681	-104.810	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.24	1.65	3.06	2.82	0.57	0.95	0.04	0.25	<1	5	857	1.5	0.22	0.3	95.7	11.7	42	<5	21.5	14.2	0.05	40.5	26	493	0.91	14.8	24.1	930	35.2	136	0.77	10.1	2.1	282	<0.1	18.1	0.8	3.5	90	1.4	24.4	92	0.4
C-272927	05DEN344_F	39.738	-105.202	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	8.06	3.2	4.6	2.11	0.98	1.12	0.04	0.35	<1	3	899	1.3	0.19	0.3	81.7	17.8	57	<5	31.3	16.6	0.07	38.2	24	925	0.73	14.7	14.1	1340	27.3	79.8	0.43	16.3	1.9	648	<0.1	11.1	0.5	2.4	121	1	28.9	114	0.3
C-272928	05DEN114_F	39.666	-104.994	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.17	5.63	1.76	3.43	2.77	0.68	0.98	0.06	0.25	<1	6	1110	1.8	0.75	1	135	10.3	123	<5	63.4	13.8	0.08	62.6	39	692	52.3	25.8	40.2	1060	439	133	6.64	9.4	17.1	306	<0.1	20.3	0.7	4	70	2.5	28.2	785	0.7
C-272929	05DEN246_F	39.595	-105.111	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	4.58	0.54	1.39	1.52	0.33	0.16	0.02	0.16	<1	4	491	1.1	0.21	0.1	43	6.3	116	<5	14.4	9.62	0.03	22.7	28	115	1.24	6.9	23.6	180	17.8	75.8	0.76	7.1	1.3	85.7	<0.1	9.4	0.5	2.2	66	1.1	12.4	51	0.3
C-272930	05DEN307_F	39.836	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.75	1.48	2.94	1.79	0.62	1.03	0.06	0.25	<1	4	873	1.2	0.3	0.5	99.1	12.3	77	<5	22.6	12.6	0.08	44.5	27	577	1.73	13.2	29.2	610	37.7	80.4	0.83	10.1	2.3	327	<0.1	17.2	0.6	3.2	77	1.5	22.9	111	<0.2
C-272931	05DEN465_F	39.871	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.98	2.04	2.55	2.43	0.67	0.88	0.03	0.22	<1	6	692	1.5	0.25	0.4	101	9.8	60	<5	20.3	12.5	0.05	45.5	27	461	1.07	11.3	20.8	850	25.9	103	0.68	9.2	1.9	199	<0.1	16.1	0.7	3	72	1.3	22.3	75	0.3
C-272932	05DEN063_F	39.740	-104.846	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	6.15	2.26	3.18	2.64	0.71	1.15	0.07	0.23	<1	6	811	1.5	0.25	0.6	111	14.6	56	<5	41.6	13.5	0.06	51.1	33	561	1.41	14.5	23.2	1050	151	125	1.24	9.6	3.4	260	<0.1	19.2	0.7	3.4	81	2.6	22.7	170	<0.2
C-272933	05DEN055R_F	39.741	-104.999	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.83	1.33	3.39	3.13	0.44	1.18	0.06	0.25	<1	5	950	1.3	0.27	0.6	117	7.5	176	<5	77.5	12.3	0.07	51.6	42	665	1.65	23.6	17.7	940	84.7	130	1.31	7.8	5	289	<0.1	21.5	0.7	4.2	77	1.8	24.9	214	0.4
C-272934	05DEN442_F	39.639	-104.793	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.05	0.87	2.4	3.39	0.41	1.25	0.05	0.23	<1	4	950	1.5	0.19	0.4	114	7	45	<5	40.9	13.4	0.05	51.6	29	459	3.03	25.6	23.5	640	46.8	148	0.87	6.9	4.5	219	<0.1	19.2	0.7	3.6	57	1.9	25.6	117	<0.2
C-272935	05DEN104_F	39.682	-104.847	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.73	0.55	1.53	3.87	0.24	1.15	0.03	0.15	<1	2	1070	1.5	0.11	0.3	69.3	5.6	17	<5	14.9	12.1	0.03	30.4	18	307	1.1	15.9	16.1	530	46	170	0.44	5.4	1.4	205	<0.1	14.2	0.7	2.8	40	1.4	18	57	<0.2
C-272937	05DEN395_F	39.798	-105.144	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.1	5.96	1.27	3.14	1.96	0.59	1.23	0.03	0.27	<1	12	673	1.6	1.31	1.1	76.4	9.3	52	<5	61.2	12.6	0.14	32.8	32	613	1.71	10.5	16.6	920	82.7	87.8	1.98	10.6	2.2	240	0.1	13.8	0.6	3.4	87	2.1	19.7	198	<0.2
C-272938	05DEN189_F	39.784	-105.109	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.11	7.11	2.11	4.99	2.21	1.04	1.23	0.06	0.36	<1	9	813	1.5	1.16	0.9	113	13.8	35	<5	65.3	16.6	0.17	52.7	28	893	1.71	14.9	27.5	1220	134	94.9	2.33	16.5	3.4	463	0.1	16.7	0.7	3.1	133	3.4	26.4	383	<0.2
C-272939	05DEN361_F	39.838	-105.165	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.4	1.31	3.08	2.34	0.65	1.46	0.06	0.23	<1	3	663	1.4	0.28	0.7	76.7	9.6	48	<5	26.8	12.3	0.08	33.7	20	582	1.85	16.7	22.7	720	70	91.6	0.85	9.4	2.6	193	<0.1	16.3	0.5	2.6	70	7.6	24.9	125	0.2
C-272941	05DEN373_F	39.682	-105.188	8/11/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.32	1.96	5.4	1.91	0.82	0.71	0.04	0.4	<1	4	876	1.3	0.19	0.3	76.1	14.7	42	<5	32.4	16.2	0.06	34.4	30	908	1.1	14.1	34.3	1150	21.2	80.6	0.41	15.6	1.8	531	<0.1	11.9	0.5	2.7	166	1.1	25.6	119	0.3
C-272942	05DEN422_F	39.740	-104.791	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.78	1.14	3.15	2.55	0.52	0.96	0.04	0.27	<1	5	898	1.2	0.22	0.3	117	10.2	45	<5	20.5	13.2	0.05	52.8	26	584	1.03	12.2	16.7	890	43.8	110	0.68	8.9	2.1	254	<0.1	27.8	0.7	5.4	89	1.6	24.8	115	0.2
C-272943	05DEN220_F	39.639	-105.071	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.41	4.32	3.95	1.7	1.03	1.02	0.04	0.31	<1	5	762	1.2	0.17	0.4	73.9	13.8	44	<5	18.2	13.7	0.06	34.6	35	733	1	11.2	17.8	1240	58.4	67	0.58	13.3	1.9	651	<0.1	12.9	0.4	2.3	112	1.3	24.1	104	<0.2
C-272949	05DEN069_F	39.726	-104.866	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.38	1.98	3.02	2.59	0.74	1.07	0.05	0.25	<1	7	771	1.5	0.26	0.6	110	9.4	34	<5	32.1	13.7	0.06	50.1	30	501	1.74	13.4	33.3	1120	78.1	130	1.09	10.1	2.8	245	<0.1	26	0.7	3.7	78	1.7	25.1	128	0.2
C-272950	05DEN384_F	39.840	-105.203	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.68	1.49	3.1	1.85	0.65	0.82	0.06	0.27	<1	9	533	1.5	0.57	0.7	64.5	10.3	21	<5	26.3	12.4	0.06	28.3	33	548	1.33	9.3	24.5	730	62.4	90.5	1.16	10.9	1.9	136	<0.1	23.1	0.6	2.8	87	1.8	21.4	77	0.5
C-272951	05DEN294_F	39.624	-104.848	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.5	1.33	3.17	2.43	1.15	1.14	0.05	0.24	<1	4	740	1.9	0.61	0.3	83.7	9.6	69	<5	45	15.6	0.09	36.5	43	673	1.35	14	27	730	25.9	97.6	0.5	10.8	2.6	240	0.3	14	0.6	3.8	74	1.9	25	110	0.3
C-272952	05DEN341_F	39.741	-105.184	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	7.75	2.55	6.71	2.38	1.02	1.09	0.04	0.51	<1	4	940	1.5	0.3	0.4	84.9	18.9	95	<5	47.2	17.3	0.08	38.4	25	1100	1.33	15.8	22.4	1440	33.4	92.2	0.51	18.4	2	707	0.1	13.9	0.6	2.6	214	1.3	27.5	124	<0.2
C-272953	05DEN429_F	39.696	-104.810	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.69	1.47	2.8	2.31	0.64	0.9	0.08	0.24	<1	5	800	1.5	0.24	0.5	97.1	9.9	69	<5	28.4	12.7	0.06	43.6	27	508	1.86	15.4	18.8	1250	39.8	108	1.1	9.8	2.4	255	<0.1	19.4	0.6	4.4	79	1.6	24.1	116	0.3
C-272954	05DEN223_F	39.682	-105.072	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.23	1.75	3.06	2.21	0.84	1.4	0.11	0.21	<1	3	699	1.2	0.34	0.6	72.3	10.3	78	<5	45.1	11.9	0.06	28.3	19	546	2.2	10.7	23.4	930	51.8	88.9	1.55	9.9	4.2	307	0.1	11.6	0.4	2.4	79	4.9	17.2	187	<0.2
C-272955	05DEN054_F	39.755	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.21	1.7	2.22	2.28	0.59	0.95	0.09	0.17	<1	4	693	1.3	0.2	0.5	101	8.4	39	<5	22.7	11.6	0.05	45	21	386	1.81	12.2	18.2	1320	36.5	106	0.76	8.2	2.1	208	<0.1	20.8	0.7	3.3	58	1.1	20.6	103	0.5
C-272956	05DEN274_F	39.581	-104.979	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.73	1.6	2.92	2.39	0.75	1.43	0.07	0.21	<1	3	733	1.4	0.26	0.5	76.1	10.1	69	<5	48.8	12.7	0.06	31.5	19	527	1.53	12.9	18	760	77.4	92.4	1.12	9.2	5.6	344	0.1	13.2	0.5	2.6	72	4.1	19.2	174	<0.2
C-272957	05DEN431_F	39.696	-104.773	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.57	1.46	3.96	2.14	0.64	0.66	0.04	0.32	<1	5	762	1.5	0.26	0.4	105	13.7	56	<5	31.1	14.3	0.06	49.1	33	587	1.46	14.6	27.4	1080	27.6	111	0.7	12.2	2	291	<0.1	18.2	0.7	4.4	125	1.4	25.2	99	0.2
C-272959	05DEN280_F	39.624	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.77	1.27	4.1	2.33	0.65	1.12	0.06	0.29	<1	5	805	1.4	0.36	0.6	83	10.5	131	<5	108	13.3	0.07	33.3	49	819	1.64	15.5	21.4	880	41.9	93.1	1.05	9.8	3.6	346	0.1	15.2	0.6	3	103	5.4	22.5	133	<0.2
C-272960	05DEN441_F	39.638	-104.810	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.66	0.46	1.97	3.65	0.25	1.03	0.02	0.19	<1	2	1030	1.4	0.34	0.2	64.8	5.7	24	<5	10.3	12.5	0.03	28.9	15	369	1.15	18.1	15.9	440	37.3	163	0.36	5.6	1.4	204	<0.1	13.4	0.8	2.6	61	1.3	20.3	55	<0.2
C-272961	05DEN241_F	39.653	-105.091	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.24	1.83	3.81	2.29	1.26	1.1	0.06	0.2	<1	4	584	2	0.74	0.6	85.6	7.8	54	<5	40.3	15.8	0.13	36.4	32	703	1.71	11.2	25.5	890	64	89.1	0.67	10.2	4.3	180	0.4	16.8	0.6	4.6	61	2.1	20.3	175	0.4
C-272962	05DEN232_F	39.725	-105.090	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.14	6.91	2.35	5.72	2.58	0.88	1.08	0.09	0.41	<1	6	895	1.2	0.76	1.3	93.1	16.6	47	<5	70.3	15.3	0.11	39.5	26	949	1.5	12.9	20.4	3530	109	95.1	1.98	14.7	7.8	535	0.1	15.7	0.5	2.8	166	2.7	24.7	257	0.4
C-272963	05DEN269_F	39.625	-104.979	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.95	1.53	2.94	2.79	0.64	0.93	0.08	0.26	<1	6	883	1.6	0.21	0.4	96.8	9.7	73	<5	39.5	13.6	0.07	41.7	32	626	1.66	24.6	18	1300	42.5	138	0.62	10.7	2.8	271	<0.1	18.9	0.7	3.9	77	1.6	30.1	109	0.5

									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	ICPAES_MS	ICPAES_MS	Se Hyd
Lab No.	Field No.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	Datum	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
									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	ppm	ppm	ppm
C-272964	05DEN169_F	39.755	-105.068	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.2	5.83	1.29	3.04	2.23	0.57	0.96	0.07	0.22	1	11	659	1.4	1.6	1.5	131	9.6	45	<5	78.4	12.5	0.19	60.4	27	464	2.39	10.1	33.9	1310	163	99	2.75	9.7	2.8	260	0.2	26.2	0.7	4.5	78	1.9	21.1	274	0.4
C-272965	05DEN219_F	39.639	-105.053	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.63	3.27	3.57	2.18	0.66	0.86	0.09	0.25	<1	7	682	1.4	0.23	0.5	85.8	10.5	39	<5	26.7	14.7	0.05	31.8	23	516	1.81	11.4	27.1	1110	108	106	0.79	9.7	2.1	287	<0.1	12.9	0.6	2.9	108	1.9	19.9	115	0.4
C-272966	05DEN329_F	39.827	-105.129	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.07	1.71	2.84	1.95	0.76	0.91	0.09	0.22	<1	4	577	1.5	0.26	0.4	80.5	11.8	77	<5	33.2	10.7	0.06	34.3	28	518	1.97	9.6	35.2	1130	86.2	83.7	1.08	9.7	1.9	218	<0.1	15.8	0.5	2.7	82	1.9	19.2	122	0.3
C-272967	05DEN293_F	39.624	-104.867	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.31	2.89	3.56	2.72	0.68	0.95	0.04	0.3	<1	4	958	1.6	0.23	0.3	87.1	11.2	86	<5	28.2	13.7	0.05	39.5	35	645	1.23	14.6	16.7	1320	38.1	114	0.9	10	2.1	410	<0.1	15.1	0.7	3.7	108	1.6	21.7	97	<0.2
C-272968	05DEN139_F	39.754	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.12	5.67	1.45	3	2.58	0.5	1.36	0.12	0.22	<1	14	774	1.2	0.36	1.4	130	6.2	62	<5	35.1	11.6	0.08	59.3	16	499	1.88	10.3	12	1450	234	100	1.5	7.4	4.5	258	<0.1	34	0.6	4.6	68	2.4	22.9	270	0.3
C-272969	05DEN355_F	39.813	-105.184	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	6.06	1.54	3.89	2.31	0.74	1.33	0.05	0.29	<1	8	677	1.4	0.82	0.7	117	12.5	74	<5	41.6	14.1	0.1	54.5	20	631	1.86	11.3	30.4	990	120	103	1.64	12.1	2.5	248	<0.1	29.9	0.7	3.4	119	1.6	21.6	147	<0.2
C-272970	05DEN445_F	39.624	-104.811	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.35	1.27	2.47	2.78	0.49	1.33	0.09	0.21	<1	2	854	1.2	0.16	0.3	60.1	7.7	55	<5	25.9	11.3	0.04	26.9	13	445	1.62	13.5	16.1	750	45.7	120	1.27	6.8	2.9	259	<0.1	16.8	0.6	2.6	60	2.9	17.6	142	<0.2
C-272971	05DEN225_F	39.711	-105.072	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	6.94	2.78	4.36	2.27	1.02	1.46	0.06	0.32	<1	5	807	1.9	0.77	0.8	119	12.4	46	<5	48.7	15.9	0.12	51.4	21	953	1.54	10.4	23.2	1930	132	98.1	1.32	13.8	2.8	444	<0.1	19.6	0.6	2.8	108	10.7	23.1	185	0.2
C-272972	05DEN217R_F	39.668	-105.052	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.56	1.11	2.71	2.7	0.44	1.45	0.08	0.2	<1	5	830	1.6	0.25	0.9	112	7.1	56	<5	33.6	12.7	0.06	41	12	477	1.83	12.5	17	890	852	123	1.2	7.3	2.8	283	<0.1	13.9	0.6	2.6	68	6.6	16.4	258	<0.2
C-272973	05DEN316_F	39.639	-105.127	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.4	1.39	3.43	2.55	0.9	1.09	0.07	0.23	<1	6	681	2.3	0.39	0.4	110	9.5	51	<5	30.7	15.5	0.09	47.1	26	664	1.48	11.3	25.6	790	51.8	135	0.67	11.6	3.7	190	<0.1	19.9	0.8	3	80	3	19.4	113	0.3
C-272974	05DEN216R_F	39.683	-105.051	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	7.67	3.6	5.75	1.99	1.14	1.11	0.04	0.44	<1	4	954	1.7	0.3	0.4	97.1	17.1	31	<5	32.8	16.9	0.08	44.8	20	1120	0.7	14.9	18.1	1720	31.5	78.9	0.63	17.8	1.9	999	<0.1	13.3	0.4	2.3	180	0.9	23	126	0.3
C-272975	05DEN414_F	39.768	-104.847	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	4.87	0.72	2.57	2.7	0.35	1.1	0.03	0.24	<1	3	1010	1.5	0.18	0.6	153	6.5	30	<5	16.9	12	0.05	72.3	13	568	1	15	12.6	780	98	126	0.59	6.6	2.2	233	<0.1	21.3	0.7	3.6	74	1.3	20.4	105	<0.2
C-272976	05DEN194_F	39.857	-105.108	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.85	2.34	2.96	1.42	0.81	0.49	0.05	0.29	<1	5	1010	1.5	0.27	0.4	74.9	9.7	23	<5	21.2	12.1	0.06	35	22	600	1.09	10	16.3	680	25.4	71.3	0.7	11.1	1.8	273	<0.1	11.3	0.5	2.4	87	0.8	18.8	87	0.4
C-272977	05DEN400_F	39.863	-105.203	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.46	0.85	2.49	1.91	0.47	0.72	0.05	0.23	<1	12	634	2	0.51	1	201	9.3	36	<5	23.4	12.7	0.07	96.5	28	596	1.29	9.8	20.4	920	66.7	97.4	0.9	8.9	1.9	145	0.2	38.2	0.7	4.1	70	1.4	25.1	81	0.7
C-272978	05DEN466_F	39.856	-104.791	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.35	1.63	2.03	2.74	0.43	1.24	0.04	0.18	<1	4	856	1.6	0.15	0.3	113	5.2	18	<5	15.8	11.7	0.04	53.5	14	403	0.76	10.6	12.1	590	31.8	121	0.45	6	1.6	231	<0.1	19.6	0.6	2.9	52	1.3	20.5	66	<0.2
C-272979	05DEN212R_F	39.739	-105.054	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	6.56	2.92	3.91	2.33	0.88	1.22	0.07	0.31	<1	5	842	1.5	0.32	0.7	138	11.4	36	<5	32.8	14.6	0.07	67.1	18	740	1.08	12.7	20.2	1650	161	97.1	1.28	12.7	3.4	509	<0.1	23.1	0.5	3.1	108	1.6	23.1	159	0.3
C-272980	05DEN079_F	39.711	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.75	2.22	2.9	2.73	0.55	1.45	0.03	0.26	<1	3	1050	1.7	0.17	0.5	86	8	17	<5	21.5	14.2	0.06	40.1	11	638	0.97	18.6	10.1	960	126	111	0.87	8.8	3.8	773	<0.1	13.1	0.6	2.1	69	1.4	18.6	154	<0.2
C-272981	05DEN217_F	39.668	-105.053	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.35	1.48	2.96	2.5	0.53	1.32	0.08	0.22	<1	9	805	1.7	0.24	0.9	89.8	8	42	<5	29	12.1	0.06	38.7	12	542	2.15	11.4	15.5	1380	644	113	1.1	8.2	2.8	351	<0.1	12.9	0.6	2.6	79	4.7	15.9	230	<0.2
C-272982	05DEN196_F	39.740	-105.018	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.25	6.16	2.74	3.63	2.35	0.66	1.09	0.09	0.3	<1	5	976	2	0.59	1.2	127	10.5	35	<5	54.7	13.7	0.11	60	18	703	2.12	17.7	19.1	1540	158	106	2.12	10.6	9.1	474	0.1	22.4	0.6	4.4	96	1.7	25.4	249	0.7
C-272983	05DEN242_F	39.639	-105.111	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.9	2.09	3.5	1.93	0.85	0.56	0.04	0.26	<1	9	853	1.8	0.35	0.4	83.3	10.1	38	<5	20.4	14	0.06	44	28	548	1.71	11	21.9	770	29.5	105	0.9	12	2	244	<0.1	14.4	0.7	2.8	116	1.3	20.9	96	0.4
C-272984	05DEN041_F	39.786	-104.905	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.54	1.16	2.56	2.33	0.51	1.13	0.06	0.22	1	4	777	1.7	0.31	1.1	113	7.7	44	<5	33.7	12.9	0.07	50.4	15	500	2.82	16.9	23.1	880	116	117	0.88	8.8	3.2	230	<0.1	18.7	0.7	3.9	68	3.9	22.2	159	<0.2
C-272985	05DEN180_F	39.842	-105.091	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.29	3.37	2.51	1.82	0.69	0.82	0.04	0.22	<1	5	635	1.7	0.29	0.4	87.7	8.4	31	<5	22.8	11.7	0.05	39.4	23	447	0.93	9.2	19.3	670	57.6	88.7	0.81	8.9	1.8	212	<0.1	14.5	0.6	2.3	76	2.5	17	98	0.4
C-272987	05DEN244_F	39.622	-105.110	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.42	3.03	3.25	2.41	0.95	0.63	0.03	0.25	<1	8	640	2.1	0.32	0.4	94.3	9.8	38	5	25.3	15	0.07	42.2	30	531	1.48	11.3	24.6	670	27.2	128	0.83	11.5	3	218	<0.1	16.8	0.8	2.8	91	1.5	19.8	89	0.3
C-272988	05DEN035_F	39.798	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.28	1.28	2.18	2.72	0.38	1.17	0.05	0.2	<1	3	854	1.6	0.18	1	135	5.3	23	<5	26.2	11.7	0.06	72.4	12	430	1.36	16.9	12.4	1160	46.3	127	0.72	6.2	2	244	<0.1	21.2	0.7	3.7	51	1.7	20	134	0.4
C-272989	05DEN378_F	39.710	-105.204	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.91	1.78	2.61	1.81	0.82	0.69	0.04	0.2	<1	4	483	1.8	0.22	0.2	73.7	7.6	24	5	19.2	13.3	0.06	35.2	29	459	0.73	9.1	13.8	470	41.8	103	0.64	11.3	1.9	135	<0.1	13.3	0.6	2	62	2.8	23.3	78	<0.2
C-272990	05DEN144_F	39.826	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.44	2.65	2.52	1.9	0.67	0.77	0.05	0.22	<1	6	667	1.6	0.4	0.6	97.7	7.9	33	<5	35.2	12.1	0.07	44	23	458	1.72	8.9	19.7	920	63.8	98	1.05	8.9	2.2	237	<0.1	15.5	0.6	2.5	72	1.3	17.7	133	<0.2
C-272993	05DEN125_F	39.639	-104.829	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6	1	1.77	3.61	0.35	1.2	0.02	0.18	<1	2	1180	1.9	0.13	0.2	85.2	5.3	20	<5	16.5	13.5	0.04	40.3	11	448	0.83	17.9	11.5	460	30	160	0.94	5.6	3	305	<0.1	11.8	0.7	2.2	47	2.9	16.9	76	<0.2
C-272994	05DEN320_F	39.653	-105.164	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.52	1.84	3.7	2	0.92	0.72	0.05	0.28	1	6	702	1.5	0.28	0.4	102	10.7	44	<5	27.6	14.2	0.07	46.7	26	573	1.15	11	31.7	1140	46.7	103	0.68	12.8	3.2	342	<0.1	16.3	0.6	2.5	114	1.1	19.4	101	0.6
C-272995	05DEN335_F	39.784	-105.156	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	6.22	2.96	5.07	2.12	1.45	1.22	0.07	0.26	<1	6	548	2.3	0.9	0.9	89.1	18.4	35	8	67.6	16.1	0.16	40.6	28	1090	1.54	7.8	25.6	900	63.6	108	1.47	20.2	3.2	200	<0.1	19.4	0.6	2.4	141	1.6	27.7	283	0.3
C-272996	05DEN411_F	39.753	-104.875	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.28	2.49	3.04	2.5	0.76	1.01	0.03	0.26	<1	5	892	1.8	0.22	0.4	122	9.1	32	<5	24.6	14.3	0.06	59.3	25	499	1.11	13.4	23.7	990	50.7	127	0.68	9.7	4.6	286	<0.1	20.4	0.6	3.3	83	1.2	21.4	92	0.3
C-272997	05DEN396_F	39.856	-105.241	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.58	1.16	3.04	1.91	0.99	0.58	0.05	0.24	<1	11	646	2	0.44	0.5	65.8	9.5	52	7	25.3	14.8	0.07	32.4	38	338	1.29	9.6	27.1	850	34	122	1.16	11.5	2.3	125	<0.1	11.1	0.7	2.4	121	1.4	17.8	106	0.9
C-272998	05DEN281_F	39.624	-104.923	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.39	1.8	3.28	2.2	0.8	0.97	0.05	0.27	<1	4	819	2.1	0.33	0.4	113	11	32	<5	32.8	15.7	0.07	50.5	24	622	1.68	14.3	20.2	1060	38	111	1.15	11.4	2.8	353	<0.1	17.1	0.6	3.2	95	3.4	21.4	122	0.3
C-273004	05DEN175_F	39.842	-105.074	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.18	1.39	2.22	1.77	0.56	0.6	0.04	0.2	<1	5	555	1.7	0.28	0.4	85.1	7.1	23	<5	18.6	11.6	0.05	39.8	23	335	1	9.1	20	930	70.5	86.2	0.86	8.2	1.7	152	<0.1	13.5	0.5	2.4	72	1.3	16.7	96	0.3
C-273005	05DEN259_F	39.624	-105.035	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.7	2.37	3.44	1.7	0.87	0.66	0.05	0.28	<1	5	874	1.4	0.33	0.6	84.8	10.6	24	<5	22.9	12.6	0.06	39	19	737	1.46	11.2	19.6	1470	41.1	71.8	0.67	12.5	1.9	547	<0.1	12.8	0.4	2.3	103	1	19.8	110	0.3
C-273006	05DEN237_F	39.683	-105.090	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.03	2.34	4.93	2.37	0.94	0.73	0.06	0.38	<1	5	769	1.8	0.36	0.5	96.2	16.2	28	<5	44.4	16.2	0.08	45	22	779	1.05	15.7	21.2	1830	37.3	112	0.82	16.5	2.2	523	<0.1	13.6	0.4	2.5	158	1.3	22.1	139	0.2
C-273007	05DEN470_F	39.871	-104.847	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.61	1.01	2.35	2.51	0.51	0.99	0.03	0.22	<1	6	844	1.9	0.25	0.4	145	7	25	<5	15.8	13.1	0.05	71	20	434	0.82	14.2	16.5	860	36.9	126	0.64	7.9	2.6	222	<0.1	21.8	0.4	3.7	68	1	22.6	77	0.2
C-273008	05DEN377_F	39.682	-105.145	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.02	1.91	4.42	2.3	0.93	0.87	0.04	0.34	<1	5	852	1.9	0.28	0.3	96.6	13.1	31	<5	33.5	15.9	0.07	45.1	23	764	1.07	14.8	24.3	1380	32.9	115	0.58	14.5	2.1	466	<0.1	13.8	0.6	2.3	136	1.1	21.3	109	0.2
C-273009	05DEN062_F	39.740	-104.866	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.64	1	2.26	3	0.37	1.1	0.05	0.22	<1	3	945	1.7	0.24	0.5	103	7	24	<5	19	13.1	0.05	44.7	15	524	1.46	15.6	13.3	920	45.1	140	0.59	6.9	2	248	<0.1	12.9	0.7	3.1	63	1	18.4	92	0.2
C-273010	05DEN194R_F	39.856	-105.108	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.29	3.3	4.24	1.03	1.03	0.35	0.03	0.35	<1	5	1280	1.6	0.14	0.3	118	13	13	<5	16.6	14.1	0.05	49.7	21	806	1.28	9.6	16.5	540	17.8	53.1	0.42	15.2	1.9	344	<0.1	10.9	0.5	2.5	114	0.7	29.5	88	0.3
C-273011	05DEN117_F	39.653	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.57	1.42	2.47	2.59	0.54	1.52	0.09	0.2	<1	3	830	1.8	0.32	1.8	90.8	7.4	28	<5	31	13.3	0.06	39.8	16	513	1.34	15.3	14.5	1200	221	123	1.19	7.7	3.8	287	<0.1	12.9	0.6	2.4	61	4	18.8	172	0.2
C-273012	05DEN356_F	39.813	-105.166	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.35	6.36	1.94	3.62	2.05	0.82	1.06	0.05	0.25	3	30	645	2.2	3.38	3.6	105	11.5	56	6	185	14.5	0.33	46.5	31	896	4.53	9.3	32.3	860	246	115	6.82	11.7	3.5	230	0.4	17.4	0.7	4.2	92	3	19.1	625	0.2
C-273014	05DEN306_F	39.820	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.72	0.98	2.62	2.67	0.42	1.29	0.05	0.18	<1	13	772	1.7	0.64	4	174	6.6	31	<5	36.7	13.8	0.14	80.3	16	467	1.36	10.5	16.1	1220	230	148	1.62	7.4	4.7	208	0.2	36.1	0.9	5	58	2.2	19.8	202	0.2
C-273015	05DEN091_F	39.697	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.56	1.17	2.28	2.78	0.41	1.17	0.06	0.2	<1	3	871	1.7	0.2	0.7	94.8	6.6	19	<5	24.4	12.6	0.05	41.6	12	407	1.16	15.7	13.3	990	288	129	0.85	7.5	2.6	278	<0.1	16.7	0.6	2.8	59	2.1	19.4	152	0.2
C-273016	05DEN368_F	39.711	-105.165	8/11/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.72	1.29	3.81	1.99	0.81	0.53	0.03	0.3	<1	3	918	1.9	0.27	0.3	82.3	12.4	25	<5	29.7	18.2	0.07	38.2	23	603	0.62	14.8	19.3	1070	24.1	108	0.48	15.4	2	376	<0.1	11.5	0.6	2.1	108	1	21.1	100	<0.2
C-273017	05DEN322_F	39.667	-105.185	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.96	6.84	3.22	1.69	0.62	0.54	0.06	0.24	<1	7	612	1.8	0.28	1.6	68.7	9.8	39	<5	28.7	13.4	0.06	33.6	21	517	7.17	10.6	35.5	960	26.6	75.4	1.71	11	3.4	469	<0.1	10.3	0.9	4.3	177	1.5	18.8	106	1.9
C-273018	05DEN107_F	39.668	-104.828	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.42	0.42	1.31	3.69	0.21	1.07	0.01	0.15	<1	3	1060	1.9	0.12	0.2	90.9	3.8	12	<5	8.1	13	0.03	43.3	9	274	0.72	16.3	10.3	320	32.6	168	0.27	4	1.2	194	<0.1	11.4	0.7	2.2	36	0.6	16.4	43	<0.2
C-273019	05DEN336_F	39.755	-105.146	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.27	2.57	3.52	2.52	0.75	1.48	0.1	0.25	<1	3	766	1.8	0.3	0.6	106	9.7	41	<5	33	14.5	0.07	46.4	14	632	1.57	11.4	16.2	1130	123	116	1.6	10.9	3.1	390	<0.1	18.1	0.6	2.7	89	1.9	19.5	174	0.2

									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	ICPAES_MS	Se Hyd
Lab No.	Field No.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	Datum	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
									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	ppm	ppm
C-273020	05DEN350_F	39.783	-105.241	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.62	1.15	3.69	2.02	0.81	1.41	0.03	0.29	<1	7	502	3.1	0.49	0.4	105	12	71	9	27.3	15	0.06	49.1	44	1040	1	10.2	33.5	800	29.7	135	0.57	13	2.6	168	<0.1	15.7	0.9	4.3	83	3	16.2	97	0.2
C-273021	05DEN214R_F	39.711	-105.054	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	7.18	6.49	5.4	1.53	1.26	1.21	0.03	0.41	<1	3	860	1.3	0.15	0.3	90.6	15.9	24	<5	23	15.7	0.07	42.6	20	1030	0.85	14.3	19	1620	34	57.2	0.52	16.5	2.8	826	<0.1	11.1	0.4	2	160	0.7	22.4	113	<0.2
C-273022	05DEN178_F	39.873	-105.091	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	3.83	0.58	1.6	1.58	0.3	0.68	0.03	0.15	<1	5	526	1.2	0.3	0.6	77.7	5.1	22	<5	19.8	7.98	0.04	35.4	14	321	1.07	6.8	11.9	660	62.7	71.3	0.79	5	2	135	<0.1	9.9	0.5	2	47	1.8	12.8	71	0.3
C-273024	05DEN048_F	39.769	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.8	0.93	2.47	2.93	0.42	1.21	0.03	0.23	<1	6	915	1.8	0.28	1.3	167	6.4	39	<5	25.5	13.4	0.1	75.9	15	474	1.07	21.1	17.9	970	136	149	1.51	7.1	4.7	224	0.1	27.7	0.8	3.9	60	1.5	25.8	203	<0.2
C-273025	05DEN451_F	39.595	-104.792	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.28	0.8	2.14	3.23	0.43	1.09	0.03	0.23	<1	4	968	2	0.21	0.2	130	6.9	29	<5	14.9	15	0.05	62.5	16	417	0.97	25.8	17.4	570	31.9	153	0.49	7.6	2.1	194	<0.1	21	0.7	3.7	55	1.5	22	65	0.3
C-273026	05DEN330_F	39.842	-105.129	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.77	3.02	2.75	1.95	0.82	0.57	0.03	0.24	<1	7	680	1.9	0.24	0.3	93.7	9.3	42	<5	21	13.5	0.06	43.3	29	446	1.32	12.9	25.2	860	22	112	0.81	10.6	2.1	271	<0.1	14.8	0.7	2.7	90	1.2	20.7	78	0.2
C-273027	05DEN407_F	39.820	-105.165	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.08	2.42	4.43	1.64	0.94	1	0.05	0.29	3	5	625	1.5	0.38	0.3	85.1	24.6	270	<5	45.8	14.5	0.07	38	22	983	6.45	11.7	290	870	27.8	71.6	0.59	14.6	4	384	<0.1	14.6	0.5	2.4	114	1.4	20.2	116	0.2
C-273028	05DEN141_F	39.784	-105.035	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.89	1.06	2.96	2.66	0.44	1.3	0.04	0.19	<1	6	741	1.6	0.3	0.8	212	7	38	<5	27.9	14.2	0.09	96.3	15	495	1.56	10.6	15.7	1230	153	149	1.34	7.8	4.1	223	<0.1	38.9	0.9	5.1	66	1.9	21.7	273	<0.2
C-273029	05DEN328_F	39.812	-105.128	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.45	1.19	2.87	1.95	0.59	0.96	0.04	0.22	<1	7	599	1.7	0.68	0.7	91.6	8.6	58	<5	40.6	12.8	0.08	40.8	20	483	1.21	9.1	20.4	900	92	101	1.54	9.1	2.7	203	<0.1	14.3	0.6	2.8	80	1.8	17.4	143	0.3
C-273030	05DEN239_F	39.653	-105.109	7/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6	1.72	3.31	2.25	0.72	1.03	0.05	0.23	<1	5	735	2	0.29	0.5	139	9.7	46	<5	25.6	14.5	0.07	66.4	23	605	1.44	12.5	21.7	890	133	113	0.8	10.6	2.8	297	<0.1	26.4	0.6	3.3	89	2.5	22.8	133	0.2
C-273031	05DEN413_F	39.753	-104.847	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.03	0.8	2.43	2.83	0.49	1.09	0.03	0.22	<1	4	876	1.9	0.26	0.8	116	8.6	34	<5	24.3	13.7	0.06	50.3	19	528	1.24	12.9	16.6	1030	63.5	140	0.72	8.8	3	246	<0.1	17.5	0.8	3.5	60	1.4	21.9	181	0.2
C-273032	05DEN148R_F	39.857	-105.056	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	4.8	1.27	2.19	1.82	0.54	0.82	0.06	0.18	<1	4	606	1.3	0.28	0.6	102	7.1	49	<5	26.2	11.6	0.05	45.7	19	371	1.45	9.1	23.8	800	166	100	1.13	7.7	2.1	161	<0.1	17.6	0.6	2.5	68	2.9	16.2	193	0.2
C-273034	05DEN390_F	39.841	-105.235	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.61	0.83	3.01	2.11	0.97	0.97	0.02	0.23	<1	13	823	2.1	0.39	0.1	70.2	10.7	42	6	17.9	15.3	0.06	33.4	31	810	1.72	14.5	33.7	720	24.7	123	1.24	11.4	2.4	139	<0.1	13.3	0.6	2.3	104	1.6	17.1	80	0.2
C-273035	05DEN454_F	39.798	-104.831	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	0.37	5.27	0.99	2.18	2.52	0.37	1.04	0.04	0.19	3	3	857	1.7	0.72	3.6	131	6.4	41	<5	39.1	12.2	0.07	60.2	14	433	1.72	16.7	27.5	2070	86.7	127	0.69	6.8	7.3	222	<0.1	22.4	0.7	4	53	1.4	20.3	168	0.4
C-273036	05DEN227_F	39.740	-105.072	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.47	1.05	2.23	2.53	0.41	1.38	0.08	0.17	<1	4	762	1.8	0.35	1	110	5.8	33	<5	26.9	12.5	0.08	47.2	13	411	1.41	13.9	13.6	860	407	123	0.95	6.4	3.1	232	<0.1	17.2	0.6	3.1	52	3.4	15.9	163	0.2
C-273037	05DEN110_F	39.668	-104.921	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.94	1.33	3.65	2.45	0.64	1.04	0.08	0.29	<1	4	755	2.1	0.23	0.6	136	10.6	37	<5	27.2	15.1	0.08	64.7	21	679	1.42	19	19	1230	91.3	127	1.03	10.6	3.9	318	<0.1	20.5	0.7	3.2	96	1.9	27.2	158	0.3
C-273038	05DEN318_F	39.638	-105.165	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	3.39	24.7	1.37	1.07	0.27	0.1	0.04	0.11	<1	8	485	1.1	0.23	4.7	37	6.5	26	<5	25.1	7.3	0.04	21.6	31	78	30.9	4.9	70.8	1150	11.3	51.6	4.92	5.7	1	1040	<0.1	7.2	1.7	17.7	433	1.2	15.6	108	6.7
C-273039	05DEN109_F	39.667	-104.903	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	7.63	0.91	3.11	2.21	0.6	0.58	0.02	0.3	<1	4	602	2.2	0.32	0.5	91.9	11.4	45	5	28.6	17.3	0.07	40.2	25	374	1.14	17.2	22.5	490	33.1	134	1.18	12	2.9	187	<0.1	14.4	0.8	4.3	111	1.5	21.1	116	<0.2
C-273041	05DEN029_F	39.813	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.13	6.11	0.96	2.79	2.55	0.53	0.93	0.03	0.24	<1	6	972	2	0.3	1.6	122	9.1	42	<5	41.5	14.5	0.08	65.2	19	526	1.79	15	22.2	890	114	134	1.93	9	7	250	<0.1	18.4	0.7	4.2	70	2.1	20.9	246	0.3
C-273042	05DEN439_F	39.653	-104.791	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.51	0.51	1.75	3.52	0.26	1.09	0.02	0.17	<1	2	1060	1.6	0.12	0.2	85.4	4.9	17	<5	14.3	12.8	0.03	37.9	10	344	0.67	14.8	12.5	410	35.7	164	0.48	4.7	1.3	224	<0.1	11.4	0.7	1.9	52	0.9	17.4	67	<0.2
C-273043	05DEN061_F	39.739	-104.885	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.13	1.08	2.27	2.6	0.41	1.19	0.05	0.19	<1	4	832	1.6	0.23	0.9	107	6.3	12	<5	34.8	11.7	0.06	45.8	12	466	1.57	12.6	3	1020	315	124	1.09	6.2	2.6	224	<0.1	16.3	0.6	3.1	57	1.7	17.7	243	<0.2
C-273044	05DEN285_F	39.594	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.93	1.72	3.03	2.54	0.58	0.9	0.06	0.27	<1	4	805	1.9	0.25	0.4	111	8.8	54	<5	35.5	13.8	0.06	54.2	21	513	1.18	19.1	29	1500	30.2	125	0.73	8.6	2.1	287	<0.1	18	0.7	3.6	82	1.6	22.2	105	0.4
C-273045	05DEN452_F	39.595	-104.773	8/30/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.35	0.79	2.57	3.21	0.47	1.07	0.02	0.24	<1	4	991	2	0.2	0.2	114	7.1	16	<5	19.3	15.1	0.05	52.9	17	503	0.65	22.5	13.9	510	33.4	152	0.38	7.5	1.8	232	<0.1	17.3	0.7	3	71	1	21.4	62	<0.2
C-273046	05DEN398_F	39.867	-105.222	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.04	0.66	2.29	1.41	0.37	0.57	0.06	0.18	<1	11	451	1.6	0.46	0.8	95.1	6.2	31	<5	47.3	11.1	0.06	43.8	27	369	1.66	8	19.1	1030	54.2	78.7	0.93	8.1	1.9	113	0.1	16.2	0.5	2.7	64	1.2	15.8	91	0.5
C-273047	05DEN369_F	39.696	-105.166	8/11/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.3	1.15	4.87	1.99	0.73	0.93	0.06	0.38	<1	10	646	1.6	0.7	1.6	115	14.9	37	<5	30.4	15.3	0.11	56.6	19	747	1.04	13.1	17.2	970	96.6	102	1.02	12.9	2.8	227	0.2	18.6	0.5	4.7	156	1.2	21.9	125	0.5
C-273048	05DEN240_F	39.668	-105.091	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.62	1.68	3.93	2.69	0.91	1.3	0.13	0.32	<1	3	906	1.4	0.27	0.8	86.7	13.4	26	<5	33.4	12.8	0.07	40	17	833	0.93	12	16.4	1900	45.9	106	0.66	13.1	3	781	<0.1	9.4	0.4	2.9	117	0.9	20.7	96	0.4
C-273049	05DEN399_F	39.86	-105.202	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.31	1.22	1.99	1.27	0.52	0.38	0.03	0.21	<1	7	579	1.8	0.29	0.3	70.6	7.5	32	<5	16	11.7	0.05	32.9	19	166	1.18	8.3	19.8	270	28.3	72.4	0.82	8.2	2.3	101	<0.1	8	0.6	1.9	76	1	17.5	66	0.2
C-273050	05DEN068_F	39.726	-104.848	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.18	0.44	1.08	3.58	0.17	1.03	0.02	0.14	<1	2	997	1.6	0.15	0.3	72.4	3.4	15	<5	10.1	11.9	0.03	33.1	8	230	0.76	15.6	9.8	360	38.3	168	0.46	3.6	1.2	173	<0.1	11.8	0.8	2.2	29	0.7	14.7	49	<0.2
C-273051	05DEN015_F	39.798	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.4	1.61	2.31	2.57	0.59	1.45	0.07	0.16	<1	8	754	1.6	3.5	11.2	99.9	5.3	28	<5	31	12.7	0.25	44.7	14	430	2.64	13	15.3	800	115	121	1.56	6.5	5	209	0.3	18.4	1	2.6	48	1.7	16	233	0.2
C-273052	05DEN229_F	39.741	-105.11	7/22/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.79	3.45	3.42	1.83	1.5	0.89	0.03	0.23	<1	8	731	2.2	0.74	0.4	96.5	10.8	33	5	43.9	16.6	0.1	44.3	30	664	1.57	11.1	25.2	860	21.8	83.3	0.72	13.6	2.9	464	0.2	14.4	0.6	3.7	85	1.3	20.1	101	0.3
C-273053	05DEN289_F	39.581	-104.923	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.43	1.88	3.3	2.42	0.7	0.78	0.05	0.29	<1	5	863	1.7	0.28	0.6	104	10.6	35	<5	28.8	15	0.06	46.1	24	550	1.31	15.3	21	1020	49.9	123	0.78	10.3	2.3	318	<0.1	15.4	0.7	3.1	99	1.4	21.6	126	<0.2
C-273059	05DEN093_F	39.697	-104.959	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.7	1.36	2.47	2.84	0.56	1.07	0.05	0.22	<1	5	860	1.7	0.22	0.6	117	7.2	36	<5	25.8	13.4	0.06	53.1	17	461	1.72	18.3	16.9	1180	132	140	1.81	8.1	3	252	<0.1	17.1	0.7	2.9	60	2.1	26.2	136	0.2
C-273060	05DEN278_F	39.610	-104.961	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.58	2.23	4.16	2.48	0.77	0.8	0.04	0.33	<1	4	840	1.7	0.25	0.5	111	12.6	38	<5	31.8	14.8	0.07	50.4	22	745	1.42	16.1	23.8	1150	103	117	0.72	12.5	2.4	494	<0.1	16.6	0.6	2.9	118	1.7	22.2	130	0.2
C-273061	05DEN102_F	39.684	-104.883	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.27	0.58	1.24	3.57	0.2	1.06	0.02	0.16	<1	2	1040	1.7	0.14	0.3	102	4.2	18	<5	9.6	12.9	0.03	45.5	9	288	0.7	21.5	10.6	420	50	176	0.31	4.2	1.4	177	<0.1	15.2	0.7	2.6	35	1	17.1	75	<0.2
C-273062	05DEN360_F	39.827	-105.166	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	5.56	1.68	2.93	1.65	0.66	0.74	0.03	0.23	<1	8	556	1.7	0.65	0.7	81.9	9.6	37	<5	41.2	12.3	0.09	38.2	22	502	1.77	9.3	21.4	770	53.4	85	1.51	10.4	2.4	205	<0.1	13.8	0.6	2.9	89	1.6	18.1	143	0.3
C-273064	05DEN117R_F	39.653	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.29	1.34	2.46	2.46	0.57	1.35	0.08	0.18	<1	3	756	1.9	0.24	0.6	84.5	6.5	43	<5	31.6	12.6	0.05	36.2	14	467	1.57	13.5	17.9	1240	93.2	112	1.42	7.3	2.7	255	0.1	11.4	0.6	2.2	57	3.1	17.6	175	0.2
C-273065	05DEN346_F	39.741	-105.222	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.41	4.15	2.49	2.15	1.31	0.62	0.04	0.17	<1	6	603	1.7	0.24	0.3	68.7	7.9	77	<5	23.5	12.1	0.05	32.5	29	502	1.35	6.7	33.8	780	24	104	0.53	9.4	1.8	185	<0.1	11.2	0.6	2.7	71	0.8	18.6	69	0.3
C-273066	05DEN022_F	39.843	-104.931	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.72	1.01	2.32	2.9	0.44	1.34	0.05	0.19	<1	3	848	1.9	0.25	1.1	126	6.5	66	<5	26	13.5	0.07	60.2	15	521	1.63	17.4	21.1	830	64.3	142	0.66	7.4	2.7	219	<0.1	19.4	0.7	3.4	52	2.3	21.4	215	<0.2
C-273067	05DEN160_F	39.856	-104.998	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.6	3.19	2.63	1.57	0.71	0.64	0.03	0.21	<1	7	599	1.5	0.32	0.4	86.7	7.9	49	<5	22	11.7	0.05	40.4	24	432	1.13	8.9	24.9	570	35.1	75.1	0.88	8.8	1.5	262	<0.1	13.2	0.5	2.2	72	1.1	17.2	86	0.3
C-273068	05DEN359_F	39.798	-105.184	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.14	6.69	3.1	4.28	2.11	0.9	1.06	0.05	0.31	1	13	695	2	1.99	2	106	12.5	62	<5	100	14.9	0.21	46.8	26	825	2.32	13.4	30.9	1260	118	90.4	3.39	13.7	2.3	352	0.2	15.4	0.6	2.7	124	1.8	21.9	295	0.3
C-273069	05DEN191_F	39.809	-105.112	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.09	5.27	0.94	2.6	1.89	0.53	0.93	0.06	0.23	<1	6	546	1.6	0.59	0.6	86.8	7.1	57	5.18	32.8	12.2	0.07	39.7	20	463	1.19	7.3	21.2	950	57	69.3	1.04	7.7	1.7	179	<0.1	15.9	0.5	3.3	73	1.1	16.6	132	0.4
C-273070	05DEN376_F	39.665	-105.129	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	7.13	2.92	6.35	1.71	1.23	0.6	0.04	0.5	<1	4	1200	1.4	0.15	0.4	76.7	18	35	3.31	33.2	16.5	0.07	35.3	20	1110	0.53	12.1	19.9	1600	28.1	55.6	0.36	16.8	1.2	883	<0.1	11.4	0.4	2	215	0.6	19.3	108	0.6
C-273071	05DEN051_F	39.755	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.29	1.2	2.56	2.84	0.48	1.28	0.07	0.22	<1	8	825	1.5	0.22	0.7	129	6.4	35	2.5	41.4	13.2	0.1	63.3	13	670	1.41	12.9	17.1	770	220	106	2.06	6.8	2.9	199	<0.1	20.1	0.6	3.4	58	1.9	22.5	470	<0.2
C-273072	05DEN027_F	39.826	-104.922	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.56	0.67	2.39	2.63	0.4	0.9	0.05	0.27	<1	6	758	1.7	0.29	1.6	122	7.7	35	4.46	34.4	13.6	0.08	62.7	17	655	1.6	15.5	16.1	870	70.4	110	0.97	8	2.2	184	0.1	17.5	0.7	3.6	59	1.2	22.6	124	0.3
C-273073	05DEN455_F	39.799	-104.810	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.63	1.34	1.96	2.98	0.41	1.06	0.03	0.2	<1	4	846	1.6	0.13	0.2	99.5	5.5	24	3.33	15.4	13.2	0.03	43.9	16	355	0.67	12	13.2	680	28	110	0.34	6.2	1.2	270	<0.1	15.2	0.7	2.8	52	0.8	17.2	75	<0.2
C-273074	05DEN460_F	39.784	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.37	1.22	2.16	2.81	0.34	1.09	0.01	0.22	<1	3	828	1.6	0.14	0.2	115	6.3	20	2.76	15.5	13.4	0.03	56	14	415	0.57	11.6	16.2	510	26.1	108	0.39	6.1	1.1	228	<0.1	19	0.6	3.1	60	0.7	19.3	52	<0.2
C-273075	05DEN357_F	39.784	-105.165	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.15	1.82	4.14	2.47	0.76	1.38	0.07	0.34	<1	7	674	1.7	1.01	1.1	131	11.2	42	3.5	62.2	15.6	0.12	61.4	19	733	3.69	10.8	19.7	1180	148	95	1.91	11.9	2.7	306	0.1	25.8	0.6	3.1	119	1.5	19.7	207	0.3

									CVAAA	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	ICPAES_MS	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.	Lati-tude	Longi-tude	Date Col-lected	Size Fraction	Depth	Spher-oid	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	ppm
C-273076	05DEN004_F	39.871	-104.927	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	5.3	2.03	2.36	2.68	0.43	0.9	0.05	0.24	<1	4	791	1.7	0.18	0.6	100	7.1	29	3.28	22.7	14.3	0.04	43.9	15	541	0.83	18.5	15.7	950	32.9	112	0.55	7.3	1.6	264	<0.1	16.7	0.6	3.2	66	1	20.6	154	0.3
C-273077	05DEN201_F	39.668	-105.016	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.07	1.93	4.27	2.58	0.78	0.96	0.07	0.36	<1	31	766	1.5	0.27	0.6	88.5	12.7	71	3.07	72.1	15.2	0.06	40.2	18	757	1.09	11.9	18.9	1350	71.5	89.6	1.54	12.7	1.7	492	<0.1	12.6	0.5	2.3	130	1	20.3	158	0.3
C-273078	05DEN409_F	39.783	-105.221	8/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	7.45	2.18	6.31	3.1	1.16	1.4	0.06	0.54	<1	7	791	2.4	0.39	0.7	100	20.3	60	5.95	64.2	18.7	0.08	46.2	22	1250	2.15	24.3	24.1	2250	67.1	125	0.67	18.5	1.9	638	0.1	15.5	0.4	3.5	196	1.3	24.1	126	0.3
C-273079	05DEN099_F	39.685	-104.940	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.29	1.78	3.09	2.8	0.63	1.02	0.05	0.29	<1	10	866	1.8	0.17	0.4	118	9.4	31	4.36	27.5	16.2	0.05	56.9	21	607	1.19	15.9	17.6	1100	54.6	115	0.77	10.1	2.1	333	<0.1	16.5	0.7	3.5	86	1.4	26.5	109	0.3
C-273080	05DEN423_F	39.740	-104.772	8/24/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.9	1.07	2.51	2.53	0.58	1.28	0.08	0.21	<1	4	766	1.7	0.19	1	101	7.6	27	4.13	29.7	14.3	0.05	44.1	20	514	1.08	10.3	16.1	630	69.7	95.7	0.74	7.7	1.9	218	<0.1	16.9	0.7	3.2	57	3.7	18.8	191	0.3
C-273081	05DEN186_F	39.755	-105.091	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.76	1.3	2.99	2.24	0.56	0.97	0.06	0.26	<1	5	638	1.4	0.39	0.7	130	8.3	49	3.49	31.2	14	0.06	61.4	18	565	1.85	9.3	24.4	990	97.9	88.5	1	8.6	1.8	290	<0.1	21.5	0.6	2.8	83	1.3	18.8	322	0.3
C-273082	05DEN124_F	39.653	-104.831	8/9/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.05	0.8	2.34	3.22	0.41	0.95	0.05	0.24	<1	4	1010	1.6	0.17	0.4	87	7.5	28	3.68	25.6	14.7	0.06	40.1	19	490	1.2	13.5	15.6	970	34.6	126	0.63	7.3	1.5	248	0.1	14.9	0.7	2.9	77	1.2	19.5	99	0.3
C-273083	05DEN348_F	39.754	-105.221	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.13	6.02	1.53	3.6	2.52	0.65	1.35	0.07	0.27	2	4	729	1.7	0.35	0.6	134	9.1	35	2.96	36.3	15.7	0.07	62.8	17	641	1.56	9.8	18.3	1080	153	98.7	1.07	10.4	3.9	287	<0.1	23	0.6	3.3	86	1.6	22.4	150	0.3
C-273084	05DEN405_F	39.610	-104.904	8/8/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.48	1.74	2.44	2.51	0.54	0.89	0.07	0.24	<1	3	775	1.6	0.14	0.3	97.1	7.6	30	3.1	46.7	13.6	0.04	43.3	19	483	0.93	11	17.3	1800	23.2	98.9	0.58	7.6	1.4	308	<0.1	14.5	0.6	3.6	69	1.8	18.9	117	0.4
C-273085	05DEN415_F	39.769	-104.827	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.99	2.08	2.72	2.69	0.57	1.01	0.03	0.28	<1	5	809	1.7	0.16	0.3	124	7.9	32	4.24	21.3	15.1	0.04	62.1	23	512	0.87	12.9	18	830	27.4	111	0.54	8.6	1.8	249	<0.1	21.4	0.7	3.5	74	1.6	23.9	98	<0.2
C-273086	05DEN014_F	39.813	-104.978	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.71	0.82	2.47	2.91	0.37	1.28	0.03	0.2	<1	8	698	1.5	0.56	1.4	156	5.7	35	2.84	45.7	13.9	0.09	71.5	16	413	1.24	10.9	15.5	830	75	130	1.04	6.8	1.9	196	<0.1	27.7	0.9	4.1	53	1.1	20.4	116	0.3
C-273087	05DEN456_F	39.783	-104.809	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	5.74	1.1	2.3	2.86	0.44	1.14	0.02	0.22	<1	3	854	1.6	0.12	0.2	131	6.4	26	3.28	14.4	14.2	0.04	62.7	16	420	0.61	11.2	15.4	580	26.3	115	0.36	6.8	1.3	242	<0.1	22.2	0.7	3.1	62	0.8	19.4	57	<0.2
C-273088	05DEN276_F	39.596	-104.960	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.2	0.95	2.19	2.7	0.52	1.52	0.08	0.17	<1	2	715	1.8	0.18	0.6	104	5	34	2.14	26.7	13.3	0.07	45.5	12	456	1.63	10.9	24.7	510	232	99.2	1.38	5.6	2.2	189	<0.1	14.6	0.5	2.4	41	4.7	16.9	178	<0.2
C-273089	05DEN437_F	39.668	-104.772	8/26/2005	<250 microns	0-5 in	WGS84	WGS84	<0.02	6.26	1.91	3.63	2.43	0.66	0.84	0.05	0.34	<1	11	932	1.8	0.2	0.3	116	10.5	35	4.38	34.3	15.8	0.05	56	25	611	1.03	14.1	20.6	930	25.7	97.3	0.64	10.1	1.8	393	<0.1	19.5	0.7	3.4	109	1.6	22.3	98	0.3
C-273090	05DEN311_F	39.725	-105.129	7/22/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.53	1.68	4.35	2.42	0.71	1.06	0.18	0.36	<1	4	795	1.7	0.26	0.6	119	11.2	35	3.64	38.2	16.8	0.09	57.5	21	772	0.99	17.7	22.2	1030	116	99.6	0.88	12.2	2.1	419	<0.1	20.2	0.6	2.8	130	2.2	26.3	354	0.3
C-273091	05DEN096R_F	39.682	-104.997	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.72	5.53	1.09	2.7	2.9	0.47	0.98	0.09	0.29	<1	4	807	2	0.51	1.6	149	7.3	29	2.84	36.6	14.7	0.14	70.9	18	581	7.93	25	16.7	1260	194	120	1.47	8.6	6.2	261	0.1	23.7	0.7	6.1	61	1.6	32.7	266	0.5
C-273092	05DEN208_F	39.697	-105.036	7/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	5.66	1.89	3.46	2.17	0.73	0.78	0.09	0.31	<1	4	769	1.3	0.33	0.6	81.7	10.7	29	2.95	39.7	13.1	0.06	37	16	788	1.17	10	18.3	2300	29.9	68.6	0.68	11.2	1.5	503	<0.1	12.7	0.4	2.2	103	1	19.5	129	0.4
C-273095	05DEN230_F	39.725	-105.112	7/22/2005	<250 microns	0-5 in	WGS84	WGS84	0.07	6.86	1.49	4.96	2.38	0.76	1.05	0.06	0.42	<1	9	827	1.6	0.98	1	105	14.5	41	4.05	67.6	17.2	0.13	46.8	20	896	1.39	11.6	21.2	920	115	95.4	2.06	13.8	2.2	487	0.1	15.6	0.6	2.6	154	1.7	23.1	191	0.3
C-273096	05DEN393_F	39.826	-105.240	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.71	3.64	6.63	2.14	3.81	1.58	0.06	0.46	<1	3	508	2	0.15	0.5	76.8	29.9	300	3.74	91	16.1	0.06	36.9	16	1230	0.85	16.6	191	2020	31	70.3	0.38	21.6	1.3	546	<0.1	11.7	0.3	2.8	178	1	22.1	103	0.4
C-273097	05DEN233_F	39.711	-105.091	7/25/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	6.65	2.04	4.82	2.52	0.87	0.95	0.08	0.41	<1	6	813	1.7	0.47	0.8	97.7	14	42	3.78	54.9	16.9	0.09	43.7	22	911	2.35	12.5	22.4	1290	111	94.7	1.07	13.6	2.4	436	<0.1	13.7	0.6	2.5	147	1.7	21.2	219	0.3
C-273098	05DEN371_F	39.710	-105.184	8/11/2005	<250 microns	0-5 in	WGS84	WGS84	0.04	6.84	1.29	4.26	2.24	0.71	1.06	0.05	0.37	<1	7	578	1.9	0.51	1	91.9	12.6	38	4.17	34.1	17.7	0.09	41.2	20	635	0.75	12	21.3	1110	63.9	105	0.75	14.8	2.2	200	0.2	13.6	0.5	3.4	126	1.5	23.2	115	0.4
C-273099	05DEN374_F	39.669	-105.170	8/10/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.73	1.03	2.74	1.98	0.74	0.47	0.04	0.24	<1	7	573	1.7	0.26	0.4	68.7	8.1	37	6.08	20.9	14.1	0.05	32.1	24	391	0.93	7.7	21.8	600	27.2	88.3	0.75	9.6	1.4	174	<0.1	9.7	0.6	1.9	98	0.9	16.3	81	0.4
C-273101	05DEN007_F	39.870	-104.941	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.03	6.15	1.26	2.48	1.92	0.58	0.63	0.08	0.25	<1	6	618	1.7	0.26	0.3	81.2	8.1	38	5.01	21.8	14.2	0.05	37.2	28	384	1.02	9.5	23.1	440	36	91.9	0.81	8.7	1.4	188	<0.1	11.2	0.7	3.2	81	0.9	20.4	81	0.4
C-273102	05DEN270_F	39.610	-104.979	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	5.9	1.54	3	2.79	0.6	1.15	0.08	0.3	<1	4	752	1.7	0.16	0.4	108	8.2	31	3.27	28.2	15	0.05	47.1	20	647	1.05	20.6	17.6	770	71.4	107	0.7	8.8	2.9	281	<0.1	18	0.7	2.9	77	2.5	26.9	127	0.3
C-273103	05DEN119_F	39.653	-104.923	8/5/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.57	1	2.52	2.75	0.46	1.41	0.09	0.22	<1	4	785	1.7	0.66	0.9	107	6.9	30	2.47	25.4	13.8	0.06	46.6	14	485	1.47	13.9	16.5	660	251	101	0.98	6.7	1.9	244	<0.1	16.8	0.6	3	59	3.7	19.5	223	<0.2
C-273104	05DEN303_F	39.680	-104.996	8/2/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.73	1.12	2.99	3.09	0.49	0.97	0.06	0.33	<1	4	887	1.9	0.24	0.7	140	8.3	32	2.99	28.9	15	0.07	68.5	16	648	5.89	25.9	15.7	1170	84.1	124	0.77	8.9	3.3	335	<0.1	23	0.7	4.5	78	1.2	36.3	141	0.3
C-273105	05DEN157_F	39.812	-104.997	8/1/2005	<250 microns	0-5 in	WGS84	WGS84	0.05	5.71	1.57	2.44	2.57	0.51	1.19	0.06	0.2	<1	4	671	1.4	0.36	0.7	88	6.3	41	3.16	30.4	12.7	0.6	39.7	17	426	1.83	9.1	19.8	650	59.4	100	1.05	6.8	1.7	234	<0.1	17	0.7	4.2	61	2.3	16.1	146	0.3
C-273106	05DEN167R_F	39.769	-105.052	7/27/2005	<250 microns	0-5 in	WGS84	WGS84	0.06	5.43	0.95	2.49	2.34	0.37	1.38	0.06	0.19	<1	4	717	1.4	0.42	0.9	151	5.8	40	2.29	32.4	13.5	0.1	69.1	12	412	1.31	8.7	16.7	870	340	99.9	1.22	6.3	3.1	221	<0.1	29.2	0.7	4.3	57	2.1	19	205	<0.2
C-273107	05DEN050_F	39.755	-104.979	8/3/2005	<250 microns	0-5 in	WGS84	WGS84	1.1	5.6	0.68	1.8	3.45	0.29	1.12	0.02	0.23	<1	3	975	1.8	0.21	0.8	162	5	23	2.68	23.8	14	0.06	73.4	12	449	0.75	21.8	13.4	660	120	141	0.92	5.8	4	198	<0.1	25.2	0.8	3.9	42	1.1	25.4	128	<0.2
C-273108	05DEN173_F	39.813	-105.072	7/28/2005	<250 microns	0-5 in	WGS84	WGS84	0.08	5.28	1.83	2.61	1.84	0.6	0.78	0.07	0.24	<1	6	649	1.4	0.54	0.9	71.3	8	36	4.15	45.1	12.5	0.08	31.7	20	539	1.22	7.8	21.2	740	81.5	69.8	1.19	8.2	1.8	271	<0.1	13	0.6	2.7	75	1.3	16.6	229	0.4
C-273975	05DEN347_F	39.754	-105.240	8/29/2005	<250 microns	0-5 in	WGS84	WGS84	0.02	6.97	1.4	3.7	2.51	0.8	2.25	0.04	0.26	<1	3	745	2.1	0.64	0.3	82.9	8.4	26	3.88	33.6	16.9	0.08	36.3	20	811	0.97	8.2	16.8	660	40	89.7	0.56	10.8	2	217	<0.1	13.7	0.6	3.1	61	2.5	25.4	114	<0.2