

Appendix I. The FP-XRF response (adjusted cps) for daily runs conducted between 28 January 2008 and 14 November 2008 along with corresponding SRM concentration information.

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		flag ^C
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	
1/28/2008	BCSS-1	S-LEAP	0.0050	0.0016	3600	500	2
1/28/2008	MESS-1	S-LEAP	0.0048	0.0015	7200	500	2
1/28/2008	SDO-1	S-LEAP	0.0380	0.0026	53500	4400	2
1/28/2008	BCSS-1	Cl-LEAP	0.0405	0.0025	11200	500	2
1/28/2008	MESS-1	Cl-LEAP	0.0376	0.0024	8200	700	2
1/28/2008	MAG-1	Cl-LEAP	0.1010	0.0036	31000	600	2
1/28/2008	BCSS-1	K-LEAP	0.2917	0.0047	18014	332	2
1/28/2008	MESS-1	K-LEAP	0.2938	0.0048	18595	332	2
1/28/2008	NIST-2704	K-LEAP	0.3848	0.0060	20000	400	2
1/28/2008	NIST-2709	K-LEAP	0.3186	0.0052	20300	600	2
1/28/2008	NIST-2710	K-LEAP	0.3859	0.0063	21100	1100	2
1/28/2008	NIST-2711	K-LEAP	0.4075	0.0059	24500	800	2
1/28/2008	MAG-1	K-LEAP	0.5328	0.0074	29470	1411	2
1/28/2008	SCO-1	K-LEAP	0.3823	0.0058	22995	664	2
1/28/2008	SDO-1	K-LEAP	0.5348	0.0076	27810	506	2
1/28/2008	BCSS-1	Ca-LEAP	0.1941	0.0045	5432	529	2
1/28/2008	MESS-1	Ca-LEAP	0.1496	0.0041	4817	457	2
1/28/2008	NIST-2704	Ca-LEAP	1.0052	0.0116	26000	300	2
1/28/2008	NIST-2709	Ca-LEAP	0.6721	0.0086	18900	500	2
1/28/2008	NIST-2710	Ca-LEAP	0.4454	0.0074	12500	300	2
1/28/2008	NIST-2711	Ca-LEAP	1.0204	0.0112	28800	800	2
1/28/2008	MAG-1	Ca-LEAP	0.3449	0.0065	9791	715	2
1/28/2008	SCO-1	Ca-LEAP	0.7004	0.0088	18725	1429	2
1/28/2008	SDO-1	Ca-LEAP	0.2743	0.0062	7504	336	2
1/28/2008	BCSS-1	Ti-LEAP	0.3952	0.0087	4400	144	2
1/28/2008	MESS-1	Ti-LEAP	0.4602	0.0092	5425	168	2
1/28/2008	NIST-2704	Ti-LEAP	0.4418	0.0101	4570	180	2
1/28/2008	NIST-2709	Ti-LEAP	0.3051	0.0086	3420	240	2
1/28/2008	NIST-2710	Ti-LEAP	0.2857	0.0094	2830	100	2
1/28/2008	NIST-2711	Ti-LEAP	0.2669	0.0078	3060	230	2
1/28/2008	MAG-1	Ti-LEAP	0.3945	0.0102	4496	420	2
1/28/2008	SCO-1	Ti-LEAP	0.3121	0.0085	3776	360	2
1/28/2008	SDO-1	Ti-LEAP	0.4226	0.0111	4256	186	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
1/28/2008	BCSS-1	Ti	0.0210	0.0007	4400	144	2
1/28/2008	MESS-1	Ti	0.0269	0.0007	5425	168	2
1/28/2008	NIST-2704	Ti	0.0230	0.0007	4570	180	2
1/28/2008	NIST-2709	Ti	0.0166	0.0006	3420	240	2
1/28/2008	NIST-2711	Ti	0.0153	0.0006	3060	230	2
1/28/2008	MAG-1	Ti	0.0232	0.0008	4496	420	2
1/28/2008	SCO-1	Ti	0.0160	0.0006	3776	360	2
1/28/2008	SDO-1	Ti	0.0235	0.0008	4256	186	2
1/28/2008	BCSS-1	V	0.0020	0.0004	93.4	4.9	2
1/28/2008	MESS-1	V	0.0013	0.0004	72.4	17	2
1/28/2008	NIST-2704	V	0.0019	0.0004	95	4	2
1/28/2008	NIST-2709	V	0.0023	0.0004	112	5	2
1/28/2008	NIST-2711	V	0.0018	0.0004	81.6	2.9	2
1/28/2008	MAG-1	V	0.0027	0.0005	140	6	2
1/28/2008	SCO-1	V	0.0026	0.0004	130	13	2
1/28/2008	SDO-1	V	0.0031	0.0005	160	21	2
1/28/2008	BCSS-1	Cr-LEAP	0.0391	0.0028	123	14	2
1/28/2008	MESS-1	Cr-LEAP	0.0265	0.0025	71	11	2
1/28/2008	NIST-2704	Cr-LEAP	0.0464	0.0032	135	5	2
1/28/2008	NIST-2709	Cr-LEAP	0.0451	0.0032	130	4	2
1/28/2008	NIST-2711	Cr-LEAP	0.0148	0.0025	47	4.7	1
1/28/2008	MAG-1	Cr-LEAP	0.0290	0.0035	97	8	2
1/28/2008	SCO-1	Cr-LEAP	0.0233	0.0028	68	5	2
1/28/2008	SDO-1	Cr-LEAP	0.0230	0.0038	66.4	7.6	2
1/28/2008	BCSS-1	Cr	0.0019	0.0004	123	14	2
1/28/2008	MESS-1	Cr	0.0016	0.0004	71	11	2
1/28/2008	NIST-2704	Cr	0.0024	0.0004	135	5	2
1/28/2008	NIST-2709	Cr	0.0019	0.0004	130	4	2
1/28/2008	MAG-1	Cr	0.0019	0.0005	97	8	2
1/28/2008	SCO-1	Cr	0.0013	0.0004	68	5	2
1/28/2008	BCSS-1	Mn-LEAP	0.0518	0.0042	229	15	2
1/28/2008	MESS-1	Mn-LEAP	0.1275	0.0046	513	25	2
1/28/2008	NIST-2704	Mn-LEAP	0.1893	0.0054	555	19	2
1/28/2008	NIST-2709	Mn-LEAP	0.1697	0.0050	538	17	2
1/28/2008	NIST-2711	Mn-LEAP	0.2065	0.0050	638	28	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
1/28/2008	MAG-1	Mn-LEAP	0.2441	0.0063	759	70	2
1/28/2008	SCO-1	Mn-LEAP	0.1011	0.0046	410	30	2
1/28/2008	SDO-1	Mn-LEAP	0.0648	0.0059	325	39	2
1/28/2008	BCSS-1	Mn	0.0044	0.0005	229	15	2
1/28/2008	MESS-1	Mn	0.0085	0.0006	513	25	2
1/28/2008	NIST-2704	Mn	0.0120	0.0007	555	19	2
1/28/2008	NIST-2709	Mn	0.0104	0.0006	538	17	2
1/28/2008	NIST-2711	Mn	0.0115	0.0006	638	28	2
1/28/2008	MAG-1	Mn	0.0148	0.0008	759	70	2
1/28/2008	SCO-1	Mn	0.0068	0.0006	410	30	2
1/28/2008	SDO-1	Mn	0.0042	0.0007	325	39	2
1/28/2008	BCSS-1	Fe-LEAP	17.0713	0.1298	32873	979	2
1/28/2008	MESS-1	Fe-LEAP	15.6404	0.1195	30495	1749	2
1/28/2008	NIST-2704	Fe-LEAP	21.8840	0.1760	41100	1000	2
1/28/2008	NIST-2709	Fe-LEAP	18.9015	0.1477	35000	1100	2
1/28/2008	NIST-2711	Fe-LEAP	14.2246	0.1113	28900	600	2
1/28/2008	MAG-1	Fe-LEAP	26.5892	0.2172	47561	4197	2
1/28/2008	SCO-1	Fe-LEAP	18.6560	0.1461	35881	1259	2
1/28/2008	SDO-1	Fe-LEAP	34.6016	0.2900	65327	1469	2
1/28/2008	BCSS-1	Fe	1.1147	0.0057	32873	979	2
1/28/2008	MESS-1	Fe	1.0250	0.0054	30495	1749	2
1/28/2008	NIST-2704	Fe	1.4566	0.0074	41100	1000	2
1/28/2008	NIST-2709	Fe	1.1716	0.0059	35000	1100	2
1/28/2008	NIST-2711	Fe	0.9494	0.0052	28900	600	2
1/28/2008	MAG-1	Fe	1.7829	0.0088	47561	4197	2
1/28/2008	SCO-1	Fe	1.1827	0.0060	35881	1259	2
1/28/2008	SDO-1	Fe	2.4212	0.0116	65327	1469	2
1/28/2008	BCSS-1	Co	0.0144	0.0017	11.4	2.1	2
1/28/2008	MESS-1	Co	0.0107	0.0016	10.8	1.9	2
1/28/2008	NIST-2704	Co	0.0168	0.0020	14	0.6	2
1/28/2008	NIST-2709	Co	0.0122	0.0017	13.4	0.7	2
1/28/2008	NIST-2711	Co	0.0103	0.0016	10	1	1
1/28/2008	MAG-1	Co	0.0208	0.0022	20	1.6	2
1/28/2008	SCO-1	Co	0.0182	0.0018	11	0.8	2
1/28/2008	SDO-1	Co	0.0307	0.0026	46.8	6.3	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
1/28/2008	BCSS-1	Ni	0.0026	0.0006	55.3	3.6	2
1/28/2008	NIST-2709	Ni	0.0028	0.0006	88	5	2
1/28/2008	SDO-1	Ni	0.0026	0.0008	99.5	9.9	2
1/28/2008	MESS-1	Cu	0.0022	0.0004	25.1	3.8	2
1/28/2008	NIST-2704	Cu	0.0088	0.0005	98.6	5	2
1/28/2008	NIST-2709	Cu	0.0027	0.0004	34.6	0.7	2
1/28/2008	NIST-2711	Cu	0.0104	0.0005	114	2	2
1/28/2008	MAG-1	Cu	0.0023	0.0005	30	3	2
1/28/2008	SCO-1	Cu	0.0029	0.0004	29	2	2
1/28/2008	SDO-1	Cu	0.0034	0.0005	60.2	9.6	2
1/28/2008	BCSS-1	Zn	0.0138	0.0004	119	12	2
1/28/2008	MESS-1	Zn	0.0240	0.0006	191	17	2
1/28/2008	NIST-2704	Zn	0.0595	0.0010	438	12	2
1/28/2008	NIST-2709	Zn	0.0126	0.0004	106	3	2
1/28/2008	NIST-2711	Zn	0.0463	0.0009	350.4	4.8	2
1/28/2008	MAG-1	Zn	0.0175	0.0006	130	6	2
1/28/2008	SCO-1	Zn	0.0120	0.0004	100	8	2
1/28/2008	SDO-1	Zn	0.0064	0.0004	64.1	6.9	2
1/28/2008	BCSS-1	As	0.0038	0.0005	11.1	1.4	2
1/28/2008	MESS-1	As	0.0029	0.0005	10.6	1.2	2
1/28/2008	NIST-2704	As	0.0046	0.0011	23.4	0.8	2
1/28/2008	NIST-2709	As	0.0048	0.0005	17.7	0.8	2
1/28/2008	NIST-2710	As	0.1528	0.0062	626	38	2
1/28/2008	NIST-2711	As	0.0145	0.0024	105	8	2
1/28/2008	MAG-1	As	0.0032	0.0005	9.2	0.92	1
1/28/2008	SCO-1	As	0.0032	0.0005	12	1	2
1/28/2008	SDO-1	As	0.0196	0.0008	68.5	8.6	2
1/28/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
1/28/2008	NIST-2710	Br	0.0082	0.0013	6	0.6	1
1/28/2008	NIST-2711	Br	0.0048	0.0004	5	0.5	1
1/28/2008	MAG-1	Br	0.1102	0.0013	250	25	1
1/28/2008	NIST-2704	Rb	0.0664	0.0014	100	10	1
1/28/2008	NIST-2709	Rb	0.0600	0.0014	96	9.6	1
1/28/2008	NIST-2710	Rb	0.0833	0.0021	120	12	1
1/28/2008	NIST-2711	Rb	0.0734	0.0014	110	11	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
1/28/2008	MAG-1	Rb	0.1003	0.0021	150	6	2
1/28/2008	SCO-1	Rb	0.0706	0.0014	110	4	2
1/28/2008	SDO-1	Rb	0.0777	0.0014	126	3.9	2
1/28/2008	BCSS-1	Sr	0.0784	0.0008	96	9.6	1
1/28/2008	MESS-1	Sr	0.0690	0.0008	89	8.9	1
1/28/2008	NIST-2704	Sr	0.1034	0.0016	130	13	1
1/28/2008	NIST-2709	Sr	0.1716	0.0016	231	2	2
1/28/2008	NIST-2710	Sr	0.2594	0.0024	330	33	1
1/28/2008	NIST-2711	Sr	0.1841	0.0016	245.3	0.7	2
1/28/2008	MAG-1	Sr	0.1089	0.0016	150	15	2
1/28/2008	SCO-1	Sr	0.1262	0.0016	170	16	2
1/28/2008	SDO-1	Sr	0.0580	0.0008	75.1	11	2
1/28/2008	NIST-2704	Zr	0.2969	0.0023	300	30	1
1/28/2008	NIST-2709	Zr	0.1403	0.0023	160	16	1
1/28/2008	NIST-2711	Zr	0.2724	0.0023	230	23	1
1/28/2008	MAG-1	Zr	0.1321	0.0023	130	13	2
1/28/2008	SCO-1	Zr	0.1742	0.0023	160	30	2
1/28/2008	SDO-1	Zr	0.1625	0.0023	165	24	2
1/28/2008	MESS-1	Mo	0.0062	0.0025	2.2	0.22	1
1/28/2008	NIST-2710	Mo	0.0199	0.0025	19	1.9	1
1/28/2008	SDO-1	Mo	0.1627	0.0025	134	21	2
1/28/2008	NIST-2704	Ba	0.0708	0.0048	414	12	2
1/28/2008	NIST-2709	Ba	0.0841	0.0044	968	40	2
1/28/2008	NIST-2710	Ba	0.0789	0.0050	707	51	2
1/28/2008	NIST-2711	Ba	0.0641	0.0040	726	38	2
1/28/2008	MAG-1	Ba	0.0917	0.0052	480	41	2
1/28/2008	SCO-1	Ba	0.0775	0.0044	570	30	2
1/28/2008	SDO-1	Ba	0.0953	0.0057	397	38	2
1/28/2008	NIST-2704	Hg	0.0011	0.0003	1.44	0.07	2
1/28/2008	NIST-2709	Hg	0.0009	0.0003	1.4	0.08	2
1/28/2008	NIST-2710	Hg	0.0097	0.0008	32.6	1.8	2
1/28/2008	NIST-2711	Hg	0.0018	0.0003	6.25	0.19	2
1/28/2008	MAG-1	Hg	0.0014	0.0003	0.02	0.002	1
1/28/2008	SDO-1	Hg	0.0012	0.0003	0.19	0.08	2
1/28/2008	BCSS-1	Pb	0.0043	0.0004	22.7	3.4	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
1/28/2008	MESS-1	Pb	0.0065	0.0004	34	6.1	2
1/28/2008	NIST-2704	Pb	0.0307	0.0009	161	17	2
1/28/2008	NIST-2709	Pb	0.0032	0.0004	18.9	0.5	2
1/28/2008	NIST-2711	Pb	0.2379	0.0022	1162	31	2
1/28/2008	MAG-1	Pb	0.0043	0.0004	24	3	2
1/28/2008	SCO-1	Pb	0.0054	0.0004	31	3	2
1/28/2008	SDO-1	Pb	0.0045	0.0004	27.9	5.2	2
1/28/2008	NIST-2704	U	0.0034	0.0008	3.13	0.13	2
1/28/2008	NIST-2709	U	0.0029	0.0008	3	0.3	1
1/28/2008	NIST-2710	U	0.0097	0.0011	25	2.5	1
1/28/2008	NIST-2711	U	0.0034	0.0008	2.6	0.26	1
1/28/2008	SDO-1	U	0.0145	0.0011	48.8	6.5	2
2/1/2008	NIST-2710	S-LEAP	0.0101	0.0020	2400	60	2
2/1/2008	NIST-2710	S-LEAP	0.0064	0.0020	2400	60	2
2/1/2008	NIST-2710	S-LEAP	0.0078	0.0020	2400	60	2
2/1/2008	NIST-2710	S-LEAP	0.0065	0.0020	2400	60	2
2/1/2008	NIST-2710	S-LEAP	0.0090	0.0020	2400	60	2
2/1/2008	BCSS-1	S-LEAP	0.0056	0.0016	3600	500	2
2/1/2008	MESS-1	S-LEAP	0.0085	0.0016	7200	500	2
2/1/2008	MESS-1	S-LEAP	0.0073	0.0016	7200	500	2
2/1/2008	MESS-1	S-LEAP	0.0101	0.0016	7200	500	2
2/1/2008	MESS-1	S-LEAP	0.0099	0.0016	7200	500	2
2/1/2008	MESS-1	S-LEAP	0.0062	0.0016	7200	500	2
2/1/2008	MESS-1	S-LEAP	0.0113	0.0017	7200	500	2
2/1/2008	MESS-1	S-LEAP	0.0085	0.0016	7200	500	2
2/1/2008	MESS-1	S-LEAP	0.0073	0.0016	7200	500	2
2/1/2008	SDO-1	S-LEAP	0.0379	0.0026	53500	4400	2
2/1/2008	SDO-1	S-LEAP	0.0412	0.0027	53500	4400	2
2/1/2008	SDO-1	S-LEAP	0.0424	0.0027	53500	4400	2
2/1/2008	SDO-1	S-LEAP	0.0425	0.0026	53500	4400	2
2/1/2008	SDO-1	S-LEAP	0.0374	0.0025	53500	4400	2
2/1/2008	MAG-1	CI-LEAP	0.1009	0.0036	31000	600	2
2/1/2008	MAG-1	CI-LEAP	0.0910	0.0035	31000	600	2
2/1/2008	MAG-1	CI-LEAP	0.0992	0.0036	31000	600	2
2/1/2008	MAG-1	CI-LEAP	0.0989	0.0036	31000	600	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MAG-1	Cl-LEAP	0.0916	0.0035	31000	600	2
2/1/2008	BCSS-1	Cl-LEAP	0.0421	0.0025	11200	500	2
2/1/2008	BCSS-1	Cl-LEAP	0.0421	0.0025	11200	500	2
2/1/2008	BCSS-1	Cl-LEAP	0.0437	0.0025	11200	500	2
2/1/2008	BCSS-1	Cl-LEAP	0.0429	0.0025	11200	500	2
2/1/2008	BCSS-1	Cl-LEAP	0.0430	0.0025	11200	500	2
2/1/2008	MESS-1	Cl-LEAP	0.0414	0.0025	8200	700	2
2/1/2008	MESS-1	Cl-LEAP	0.0385	0.0024	8200	700	2
2/1/2008	MESS-1	Cl-LEAP	0.0396	0.0025	8200	700	2
2/1/2008	MESS-1	Cl-LEAP	0.0407	0.0025	8200	700	2
2/1/2008	MESS-1	Cl-LEAP	0.0402	0.0025	8200	700	2
2/1/2008	MESS-1	Cl-LEAP	0.0395	0.0025	8200	700	2
2/1/2008	MESS-1	Cl-LEAP	0.0408	0.0025	8200	700	2
2/1/2008	MESS-1	Cl-LEAP	0.0420	0.0025	8200	700	2
2/1/2008	SCO-1	K-LEAP	0.3731	0.0056	22995	664	2
2/1/2008	SCO-1	K-LEAP	0.3686	0.0055	22995	664	2
2/1/2008	SCO-1	K-LEAP	0.3592	0.0054	22995	664	2
2/1/2008	SCO-1	K-LEAP	0.3693	0.0056	22995	664	2
2/1/2008	SCO-1	K-LEAP	0.3719	0.0056	22995	664	2
2/1/2008	NIST-2710	K-LEAP	0.3877	0.0063	21100	1100	2
2/1/2008	NIST-2710	K-LEAP	0.3778	0.0062	21100	1100	2
2/1/2008	NIST-2710	K-LEAP	0.3870	0.0063	21100	1100	2
2/1/2008	NIST-2710	K-LEAP	0.3964	0.0063	21100	1100	2
2/1/2008	NIST-2710	K-LEAP	0.3703	0.0061	21100	1100	2
2/1/2008	MAG-1	K-LEAP	0.5185	0.0072	29470	1411	2
2/1/2008	MAG-1	K-LEAP	0.5318	0.0074	29470	1411	2
2/1/2008	MAG-1	K-LEAP	0.5327	0.0074	29470	1411	2
2/1/2008	MAG-1	K-LEAP	0.5282	0.0073	29470	1411	2
2/1/2008	MAG-1	K-LEAP	0.5310	0.0074	29470	1411	2
2/1/2008	BCSS-1	K-LEAP	0.2932	0.0048	18014	332	2
2/1/2008	BCSS-1	K-LEAP	0.2991	0.0048	18014	332	2
2/1/2008	BCSS-1	K-LEAP	0.2941	0.0048	18014	332	2
2/1/2008	BCSS-1	K-LEAP	0.2898	0.0047	18014	332	2
2/1/2008	BCSS-1	K-LEAP	0.2904	0.0048	18014	332	2
2/1/2008	MESS-1	K-LEAP	0.3021	0.0049	18595	332	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MESS-1	K-LEAP	0.2923	0.0047	18595	332	2
2/1/2008	MESS-1	K-LEAP	0.2949	0.0048	18595	332	2
2/1/2008	MESS-1	K-LEAP	0.3044	0.0049	18595	332	2
2/1/2008	MESS-1	K-LEAP	0.2936	0.0048	18595	332	2
2/1/2008	MESS-1	K-LEAP	0.2948	0.0048	18595	332	2
2/1/2008	MESS-1	K-LEAP	0.2994	0.0048	18595	332	2
2/1/2008	MESS-1	K-LEAP	0.2969	0.0048	18595	332	2
2/1/2008	NIST-2709	K-LEAP	0.3214	0.0052	20300	600	2
2/1/2008	NIST-2709	K-LEAP	0.3179	0.0052	20300	600	2
2/1/2008	NIST-2709	K-LEAP	0.3191	0.0052	20300	600	2
2/1/2008	NIST-2709	K-LEAP	0.3247	0.0053	20300	600	2
2/1/2008	NIST-2709	K-LEAP	0.3240	0.0052	20300	600	2
2/1/2008	NIST-2711	K-LEAP	0.4013	0.0059	24500	800	2
2/1/2008	NIST-2711	K-LEAP	0.4045	0.0058	24500	800	2
2/1/2008	NIST-2711	K-LEAP	0.4056	0.0059	24500	800	2
2/1/2008	NIST-2711	K-LEAP	0.3930	0.0058	24500	800	2
2/1/2008	NIST-2711	K-LEAP	0.4014	0.0059	24500	800	2
2/1/2008	NIST-2711	K-LEAP	0.4039	0.0059	24500	800	2
2/1/2008	NIST-2704	K-LEAP	0.3672	0.0058	20000	400	2
2/1/2008	NIST-2704	K-LEAP	0.3874	0.0061	20000	400	2
2/1/2008	NIST-2704	K-LEAP	0.3822	0.0060	20000	400	2
2/1/2008	NIST-2704	K-LEAP	0.3832	0.0060	20000	400	2
2/1/2008	NIST-2704	K-LEAP	0.3784	0.0059	20000	400	2
2/1/2008	SDO-1	K-LEAP	0.5256	0.0075	27810	506	2
2/1/2008	SDO-1	K-LEAP	0.5300	0.0076	27810	506	2
2/1/2008	SDO-1	K-LEAP	0.5130	0.0075	27810	506	2
2/1/2008	SDO-1	K-LEAP	0.5223	0.0075	27810	506	2
2/1/2008	SDO-1	K-LEAP	0.5268	0.0075	27810	506	2
2/1/2008	SCO-1	Ca-LEAP	0.6973	0.0087	18725	1429	2
2/1/2008	SCO-1	Ca-LEAP	0.6906	0.0086	18725	1429	2
2/1/2008	SCO-1	Ca-LEAP	0.6721	0.0084	18725	1429	2
2/1/2008	SCO-1	Ca-LEAP	0.6982	0.0087	18725	1429	2
2/1/2008	SCO-1	Ca-LEAP	0.6957	0.0087	18725	1429	2
2/1/2008	NIST-2710	Ca-LEAP	0.4652	0.0076	12500	300	2
2/1/2008	NIST-2710	Ca-LEAP	0.4636	0.0075	12500	300	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2710	Ca-LEAP	0.4652	0.0076	12500	300	2
2/1/2008	NIST-2710	Ca-LEAP	0.4535	0.0074	12500	300	2
2/1/2008	NIST-2710	Ca-LEAP	0.4535	0.0074	12500	300	2
2/1/2008	MAG-1	Ca-LEAP	0.3379	0.0064	9791	715	2
2/1/2008	MAG-1	Ca-LEAP	0.3502	0.0065	9791	715	2
2/1/2008	MAG-1	Ca-LEAP	0.3536	0.0066	9791	715	2
2/1/2008	MAG-1	Ca-LEAP	0.3455	0.0065	9791	715	2
2/1/2008	MAG-1	Ca-LEAP	0.3435	0.0065	9791	715	2
2/1/2008	BCSS-1	Ca-LEAP	0.1889	0.0044	5432	529	2
2/1/2008	BCSS-1	Ca-LEAP	0.1942	0.0045	5432	529	2
2/1/2008	BCSS-1	Ca-LEAP	0.1956	0.0045	5432	529	2
2/1/2008	BCSS-1	Ca-LEAP	0.2000	0.0045	5432	529	2
2/1/2008	BCSS-1	Ca-LEAP	0.1940	0.0045	5432	529	2
2/1/2008	MESS-1	Ca-LEAP	0.1578	0.0042	4817	457	2
2/1/2008	MESS-1	Ca-LEAP	0.1508	0.0041	4817	457	2
2/1/2008	MESS-1	Ca-LEAP	0.1538	0.0041	4817	457	2
2/1/2008	MESS-1	Ca-LEAP	0.1508	0.0041	4817	457	2
2/1/2008	MESS-1	Ca-LEAP	0.1555	0.0041	4817	457	2
2/1/2008	MESS-1	Ca-LEAP	0.1510	0.0041	4817	457	2
2/1/2008	MESS-1	Ca-LEAP	0.1423	0.0040	4817	457	2
2/1/2008	MESS-1	Ca-LEAP	0.1530	0.0041	4817	457	2
2/1/2008	NIST-2709	Ca-LEAP	0.6510	0.0083	18900	500	2
2/1/2008	NIST-2709	Ca-LEAP	0.6633	0.0085	18900	500	2
2/1/2008	NIST-2709	Ca-LEAP	0.6788	0.0086	18900	500	2
2/1/2008	NIST-2709	Ca-LEAP	0.6684	0.0085	18900	500	2
2/1/2008	NIST-2709	Ca-LEAP	0.6690	0.0085	18900	500	2
2/1/2008	NIST-2711	Ca-LEAP	1.0256	0.0113	28800	800	2
2/1/2008	NIST-2711	Ca-LEAP	1.0254	0.0110	28800	800	2
2/1/2008	NIST-2711	Ca-LEAP	1.0356	0.0113	28800	800	2
2/1/2008	NIST-2711	Ca-LEAP	1.0233	0.0112	28800	800	2
2/1/2008	NIST-2711	Ca-LEAP	1.0502	0.0114	28800	800	2
2/1/2008	NIST-2711	Ca-LEAP	1.0236	0.0112	28800	800	2
2/1/2008	NIST-2704	Ca-LEAP	0.9954	0.0114	26000	300	2
2/1/2008	NIST-2704	Ca-LEAP	1.0145	0.0117	26000	300	2
2/1/2008	NIST-2704	Ca-LEAP	1.0105	0.0116	26000	300	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2704	Ca-LEAP	0.9932	0.0114	26000	300	2
2/1/2008	NIST-2704	Ca-LEAP	1.0250	0.0117	26000	300	2
2/1/2008	SDO-1	Ca-LEAP	0.2803	0.0062	7504	336	2
2/1/2008	SDO-1	Ca-LEAP	0.2708	0.0062	7504	336	2
2/1/2008	SDO-1	Ca-LEAP	0.2910	0.0063	7504	336	2
2/1/2008	SDO-1	Ca-LEAP	0.2762	0.0062	7504	336	2
2/1/2008	SDO-1	Ca-LEAP	0.2791	0.0061	7504	336	2
2/1/2008	SCO-1	Ti-LEAP	0.3052	0.0083	3776	360	2
2/1/2008	SCO-1	Ti-LEAP	0.3098	0.0084	3776	360	2
2/1/2008	SCO-1	Ti-LEAP	0.2892	0.0082	3776	360	2
2/1/2008	SCO-1	Ti-LEAP	0.2919	0.0083	3776	360	2
2/1/2008	SCO-1	Ti-LEAP	0.3051	0.0084	3776	360	2
2/1/2008	NIST-2710	Ti-LEAP	0.2823	0.0094	2830	100	2
2/1/2008	NIST-2710	Ti-LEAP	0.2891	0.0093	2830	100	2
2/1/2008	NIST-2710	Ti-LEAP	0.2812	0.0094	2830	100	2
2/1/2008	NIST-2710	Ti-LEAP	0.2775	0.0092	2830	100	2
2/1/2008	NIST-2710	Ti-LEAP	0.2630	0.0091	2830	100	2
2/1/2008	MAG-1	Ti-LEAP	0.4055	0.0102	4496	420	2
2/1/2008	MAG-1	Ti-LEAP	0.4082	0.0103	4496	420	2
2/1/2008	MAG-1	Ti-LEAP	0.4193	0.0103	4496	420	2
2/1/2008	MAG-1	Ti-LEAP	0.3991	0.0102	4496	420	2
2/1/2008	MAG-1	Ti-LEAP	0.4102	0.0104	4496	420	2
2/1/2008	BCSS-1	Ti-LEAP	0.3889	0.0086	4400	144	2
2/1/2008	BCSS-1	Ti-LEAP	0.3891	0.0086	4400	144	2
2/1/2008	BCSS-1	Ti-LEAP	0.3953	0.0087	4400	144	2
2/1/2008	BCSS-1	Ti-LEAP	0.3783	0.0086	4400	144	2
2/1/2008	BCSS-1	Ti-LEAP	0.3977	0.0088	4400	144	2
2/1/2008	MESS-1	Ti-LEAP	0.4701	0.0094	5425	168	2
2/1/2008	MESS-1	Ti-LEAP	0.4662	0.0092	5425	168	2
2/1/2008	MESS-1	Ti-LEAP	0.4560	0.0092	5425	168	2
2/1/2008	MESS-1	Ti-LEAP	0.4706	0.0093	5425	168	2
2/1/2008	MESS-1	Ti-LEAP	0.4703	0.0092	5425	168	2
2/1/2008	MESS-1	Ti-LEAP	0.4822	0.0093	5425	168	2
2/1/2008	MESS-1	Ti-LEAP	0.4655	0.0092	5425	168	2
2/1/2008	MESS-1	Ti-LEAP	0.4606	0.0091	5425	168	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2709	Ti-LEAP	0.2932	0.0083	3420	240	2
2/1/2008	NIST-2709	Ti-LEAP	0.3034	0.0085	3420	240	2
2/1/2008	NIST-2709	Ti-LEAP	0.3107	0.0086	3420	240	2
2/1/2008	NIST-2709	Ti-LEAP	0.3054	0.0085	3420	240	2
2/1/2008	NIST-2709	Ti-LEAP	0.2951	0.0085	3420	240	2
2/1/2008	NIST-2711	Ti-LEAP	0.2520	0.0077	3060	230	2
2/1/2008	NIST-2711	Ti-LEAP	0.2607	0.0076	3060	230	2
2/1/2008	NIST-2711	Ti-LEAP	0.2653	0.0078	3060	230	2
2/1/2008	NIST-2711	Ti-LEAP	0.2591	0.0077	3060	230	2
2/1/2008	NIST-2711	Ti-LEAP	0.2648	0.0078	3060	230	2
2/1/2008	NIST-2711	Ti-LEAP	0.2572	0.0077	3060	230	2
2/1/2008	NIST-2704	Ti-LEAP	0.4479	0.0099	4570	180	2
2/1/2008	NIST-2704	Ti-LEAP	0.4569	0.0103	4570	180	2
2/1/2008	NIST-2704	Ti-LEAP	0.4612	0.0101	4570	180	2
2/1/2008	NIST-2704	Ti-LEAP	0.4597	0.0101	4570	180	2
2/1/2008	NIST-2704	Ti-LEAP	0.4446	0.0100	4570	180	2
2/1/2008	SDO-1	Ti-LEAP	0.4121	0.0109	4256	186	2
2/1/2008	SDO-1	Ti-LEAP	0.4392	0.0112	4256	186	2
2/1/2008	SDO-1	Ti-LEAP	0.4240	0.0110	4256	186	2
2/1/2008	SDO-1	Ti-LEAP	0.4462	0.0110	4256	186	2
2/1/2008	SDO-1	Ti-LEAP	0.4009	0.0107	4256	186	2
2/1/2008	BCSS-1	Ti	0.0197	0.0006	4400	144	2
2/1/2008	BCSS-1	Ti	0.0201	0.0007	4400	144	2
2/1/2008	BCSS-1	Ti	0.0201	0.0007	4400	144	2
2/1/2008	BCSS-1	Ti	0.0199	0.0007	4400	144	2
2/1/2008	BCSS-1	Ti	0.0215	0.0007	4400	144	2
2/1/2008	MESS-1	Ti	0.0258	0.0007	5425	168	2
2/1/2008	MESS-1	Ti	0.0256	0.0007	5425	168	2
2/1/2008	MESS-1	Ti	0.0269	0.0007	5425	168	2
2/1/2008	MESS-1	Ti	0.0257	0.0007	5425	168	2
2/1/2008	MESS-1	Ti	0.0262	0.0007	5425	168	2
2/1/2008	MESS-1	Ti	0.0243	0.0007	5425	168	2
2/1/2008	MESS-1	Ti	0.0260	0.0007	5425	168	2
2/1/2008	MESS-1	Ti	0.0253	0.0007	5425	168	2
2/1/2008	NIST-2709	Ti	0.0160	0.0006	3420	240	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2709	Ti	0.0157	0.0006	3420	240	2
2/1/2008	NIST-2709	Ti	0.0167	0.0006	3420	240	2
2/1/2008	NIST-2709	Ti	0.0172	0.0006	3420	240	2
2/1/2008	NIST-2709	Ti	0.0155	0.0006	3420	240	2
2/1/2008	NIST-2704	Ti	0.0241	0.0008	4570	180	2
2/1/2008	NIST-2704	Ti	0.0241	0.0008	4570	180	2
2/1/2008	NIST-2704	Ti	0.0246	0.0008	4570	180	2
2/1/2008	NIST-2704	Ti	0.0244	0.0008	4570	180	2
2/1/2008	NIST-2704	Ti	0.0246	0.0008	4570	180	2
2/1/2008	SCO-1	Ti	0.0178	0.0006	3776	360	2
2/1/2008	SCO-1	Ti	0.0175	0.0006	3776	360	2
2/1/2008	SCO-1	Ti	0.0179	0.0006	3776	360	2
2/1/2008	SCO-1	Ti	0.0171	0.0006	3776	360	2
2/1/2008	SCO-1	Ti	0.0169	0.0006	3776	360	2
2/1/2008	MAG-1	Ti	0.0233	0.0008	4496	420	2
2/1/2008	MAG-1	Ti	0.0219	0.0008	4496	420	2
2/1/2008	MAG-1	Ti	0.0239	0.0008	4496	420	2
2/1/2008	MAG-1	Ti	0.0244	0.0008	4496	420	2
2/1/2008	MAG-1	Ti	0.0233	0.0008	4496	420	2
2/1/2008	NIST-2711	Ti	0.0148	0.0006	3060	230	2
2/1/2008	NIST-2711	Ti	0.0150	0.0006	3060	230	2
2/1/2008	NIST-2711	Ti	0.0147	0.0006	3060	230	2
2/1/2008	NIST-2711	Ti	0.0151	0.0006	3060	230	2
2/1/2008	NIST-2711	Ti	0.0140	0.0006	3060	230	2
2/1/2008	NIST-2711	Ti	0.0143	0.0006	3060	230	2
2/1/2008	SDO-1	Ti	0.0243	0.0008	4256	186	2
2/1/2008	SDO-1	Ti	0.0230	0.0008	4256	186	2
2/1/2008	SDO-1	Ti	0.0233	0.0008	4256	186	2
2/1/2008	SDO-1	Ti	0.0224	0.0008	4256	186	2
2/1/2008	SDO-1	Ti	0.0235	0.0008	4256	186	2
2/1/2008	SCO-1	V	0.0015	0.0004	130	13	2
2/1/2008	SCO-1	V	0.0018	0.0004	130	13	2
2/1/2008	SCO-1	V	0.0023	0.0004	130	13	2
2/1/2008	SCO-1	V	0.0019	0.0004	130	13	2
2/1/2008	SCO-1	V	0.0025	0.0004	130	13	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2710	V	0.0016	0.0005	76.6	2.3	2
2/1/2008	NIST-2710	V	0.0024	0.0005	76.6	2.3	2
2/1/2008	NIST-2710	V	0.0018	0.0005	76.6	2.3	2
2/1/2008	MAG-1	V	0.0020	0.0005	140	6	2
2/1/2008	MAG-1	V	0.0026	0.0005	140	6	2
2/1/2008	MAG-1	V	0.0019	0.0005	140	6	2
2/1/2008	MAG-1	V	0.0025	0.0005	140	6	2
2/1/2008	MAG-1	V	0.0035	0.0005	140	6	2
2/1/2008	BCSS-1	V	0.0013	0.0004	93.4	4.9	2
2/1/2008	BCSS-1	V	0.0019	0.0004	93.4	4.9	2
2/1/2008	BCSS-1	V	0.0015	0.0004	93.4	4.9	2
2/1/2008	BCSS-1	V	0.0015	0.0004	93.4	4.9	2
2/1/2008	BCSS-1	V	0.0019	0.0004	93.4	4.9	2
2/1/2008	MESS-1	V	0.0019	0.0004	72.4	17	2
2/1/2008	MESS-1	V	0.0017	0.0004	72.4	17	2
2/1/2008	MESS-1	V	0.0025	0.0004	72.4	17	2
2/1/2008	MESS-1	V	0.0023	0.0004	72.4	17	2
2/1/2008	MESS-1	V	0.0020	0.0004	72.4	17	2
2/1/2008	MESS-1	V	0.0015	0.0004	72.4	17	2
2/1/2008	MESS-1	V	0.0017	0.0004	72.4	17	2
2/1/2008	NIST-2709	V	0.0018	0.0004	112	5	2
2/1/2008	NIST-2709	V	0.0022	0.0004	112	5	2
2/1/2008	NIST-2709	V	0.0021	0.0004	112	5	2
2/1/2008	NIST-2709	V	0.0020	0.0004	112	5	2
2/1/2008	NIST-2709	V	0.0025	0.0004	112	5	2
2/1/2008	NIST-2711	V	0.0016	0.0004	81.6	2.9	2
2/1/2008	NIST-2711	V	0.0021	0.0004	81.6	2.9	2
2/1/2008	NIST-2711	V	0.0019	0.0004	81.6	2.9	2
2/1/2008	NIST-2711	V	0.0014	0.0004	81.6	2.9	2
2/1/2008	NIST-2711	V	0.0014	0.0004	81.6	2.9	2
2/1/2008	NIST-2711	V	0.0013	0.0004	81.6	2.9	2
2/1/2008	NIST-2704	V	0.0021	0.0004	95	4	2
2/1/2008	NIST-2704	V	0.0016	0.0004	95	4	2
2/1/2008	NIST-2704	V	0.0015	0.0004	95	4	2
2/1/2008	NIST-2704	V	0.0021	0.0004	95	4	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2704	V	0.0020	0.0004	95	4	2
2/1/2008	SDO-1	V	0.0027	0.0005	160	21	2
2/1/2008	SDO-1	V	0.0026	0.0005	160	21	2
2/1/2008	SDO-1	V	0.0037	0.0005	160	21	2
2/1/2008	SDO-1	V	0.0026	0.0005	160	21	2
2/1/2008	SDO-1	V	0.0024	0.0005	160	21	2
2/1/2008	BCSS-1	Cr-LEAP	0.0366	0.0028	123	14	2
2/1/2008	BCSS-1	Cr-LEAP	0.0397	0.0028	123	14	2
2/1/2008	BCSS-1	Cr-LEAP	0.0445	0.0028	123	14	2
2/1/2008	BCSS-1	Cr-LEAP	0.0445	0.0028	123	14	2
2/1/2008	BCSS-1	Cr-LEAP	0.0457	0.0028	123	14	2
2/1/2008	MESS-1	Cr-LEAP	0.0255	0.0028	71	11	2
2/1/2008	MESS-1	Cr-LEAP	0.0240	0.0025	71	11	2
2/1/2008	MESS-1	Cr-LEAP	0.0278	0.0025	71	11	2
2/1/2008	MESS-1	Cr-LEAP	0.0192	0.0025	71	11	2
2/1/2008	MESS-1	Cr-LEAP	0.0224	0.0025	71	11	2
2/1/2008	MESS-1	Cr-LEAP	0.0221	0.0025	71	11	2
2/1/2008	MESS-1	Cr-LEAP	0.0208	0.0025	71	11	2
2/1/2008	MESS-1	Cr-LEAP	0.0240	0.0025	71	11	2
2/1/2008	NIST-2709	Cr-LEAP	0.0372	0.0028	130	4	2
2/1/2008	NIST-2709	Cr-LEAP	0.0407	0.0032	130	4	2
2/1/2008	NIST-2709	Cr-LEAP	0.0407	0.0032	130	4	2
2/1/2008	NIST-2709	Cr-LEAP	0.0385	0.0032	130	4	2
2/1/2008	NIST-2709	Cr-LEAP	0.0356	0.0032	130	4	2
2/1/2008	NIST-2704	Cr-LEAP	0.0435	0.0032	135	5	2
2/1/2008	NIST-2704	Cr-LEAP	0.0442	0.0032	135	5	2
2/1/2008	NIST-2704	Cr-LEAP	0.0423	0.0032	135	5	2
2/1/2008	NIST-2704	Cr-LEAP	0.0511	0.0032	135	5	2
2/1/2008	NIST-2704	Cr-LEAP	0.0502	0.0035	135	5	2
2/1/2008	SCO-1	Cr-LEAP	0.0211	0.0028	68	5	2
2/1/2008	SCO-1	Cr-LEAP	0.0233	0.0028	68	5	2
2/1/2008	SCO-1	Cr-LEAP	0.0189	0.0028	68	5	2
2/1/2008	SCO-1	Cr-LEAP	0.0224	0.0028	68	5	2
2/1/2008	SCO-1	Cr-LEAP	0.0230	0.0028	68	5	2
2/1/2008	MAG-1	Cr-LEAP	0.0353	0.0035	97	8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MAG-1	Cr-LEAP	0.0328	0.0035	97	8	2
2/1/2008	MAG-1	Cr-LEAP	0.0347	0.0035	97	8	2
2/1/2008	MAG-1	Cr-LEAP	0.0401	0.0035	97	8	2
2/1/2008	MAG-1	Cr-LEAP	0.0350	0.0035	97	8	2
2/1/2008	NIST-2711	Cr-LEAP	0.0183	0.0025	47	4.7	1
2/1/2008	NIST-2711	Cr-LEAP	0.0199	0.0025	47	4.7	1
2/1/2008	NIST-2711	Cr-LEAP	0.0192	0.0025	47	4.7	1
2/1/2008	NIST-2711	Cr-LEAP	0.0170	0.0025	47	4.7	1
2/1/2008	NIST-2711	Cr-LEAP	0.0151	0.0025	47	4.7	1
2/1/2008	NIST-2711	Cr-LEAP	0.0167	0.0025	47	4.7	1
2/1/2008	SDO-1	Cr-LEAP	0.0142	0.0038	66.4	7.6	2
2/1/2008	SDO-1	Cr-LEAP	0.0290	0.0038	66.4	7.6	2
2/1/2008	SDO-1	Cr-LEAP	0.0252	0.0038	66.4	7.6	2
2/1/2008	SDO-1	Cr-LEAP	0.0255	0.0038	66.4	7.6	2
2/1/2008	SDO-1	Cr-LEAP	0.0142	0.0035	66.4	7.6	2
2/1/2008	SCO-1	Cr	0.0020	0.0004	68	5	2
2/1/2008	SCO-1	Cr	0.0014	0.0004	68	5	2
2/1/2008	MAG-1	Cr	0.0017	0.0005	97	8	2
2/1/2008	MAG-1	Cr	0.0020	0.0005	97	8	2
2/1/2008	MAG-1	Cr	0.0022	0.0005	97	8	2
2/1/2008	MAG-1	Cr	0.0025	0.0005	97	8	2
2/1/2008	BCSS-1	Cr	0.0026	0.0004	123	14	2
2/1/2008	BCSS-1	Cr	0.0031	0.0004	123	14	2
2/1/2008	BCSS-1	Cr	0.0027	0.0004	123	14	2
2/1/2008	BCSS-1	Cr	0.0029	0.0004	123	14	2
2/1/2008	BCSS-1	Cr	0.0024	0.0004	123	14	2
2/1/2008	MESS-1	Cr	0.0012	0.0004	71	11	2
2/1/2008	MESS-1	Cr	0.0013	0.0004	71	11	2
2/1/2008	MESS-1	Cr	0.0012	0.0004	71	11	2
2/1/2008	MESS-1	Cr	0.0015	0.0004	71	11	2
2/1/2008	MESS-1	Cr	0.0012	0.0004	71	11	2
2/1/2008	MESS-1	Cr	0.0013	0.0004	71	11	2
2/1/2008	NIST-2709	Cr	0.0024	0.0004	130	4	2
2/1/2008	NIST-2709	Cr	0.0024	0.0004	130	4	2
2/1/2008	NIST-2709	Cr	0.0020	0.0004	130	4	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2709	Cr	0.0016	0.0004	130	4	2
2/1/2008	NIST-2709	Cr	0.0016	0.0004	130	4	2
2/1/2008	NIST-2704	Cr	0.0016	0.0004	135	5	2
2/1/2008	NIST-2704	Cr	0.0022	0.0004	135	5	2
2/1/2008	NIST-2704	Cr	0.0030	0.0004	135	5	2
2/1/2008	NIST-2704	Cr	0.0019	0.0004	135	5	2
2/1/2008	NIST-2704	Cr	0.0021	0.0004	135	5	2
2/1/2008	BCSS-1	Mn-LEAP	0.0514	0.0042	229	15	2
2/1/2008	BCSS-1	Mn-LEAP	0.0568	0.0042	229	15	2
2/1/2008	BCSS-1	Mn-LEAP	0.0577	0.0042	229	15	2
2/1/2008	BCSS-1	Mn-LEAP	0.0602	0.0042	229	15	2
2/1/2008	BCSS-1	Mn-LEAP	0.0518	0.0042	229	15	2
2/1/2008	MESS-1	Mn-LEAP	0.1421	0.0046	513	25	2
2/1/2008	MESS-1	Mn-LEAP	0.1442	0.0046	513	25	2
2/1/2008	MESS-1	Mn-LEAP	0.1337	0.0046	513	25	2
2/1/2008	MESS-1	Mn-LEAP	0.1413	0.0046	513	25	2
2/1/2008	MESS-1	Mn-LEAP	0.1329	0.0046	513	25	2
2/1/2008	MESS-1	Mn-LEAP	0.1363	0.0046	513	25	2
2/1/2008	MESS-1	Mn-LEAP	0.1463	0.0046	513	25	2
2/1/2008	MESS-1	Mn-LEAP	0.1329	0.0046	513	25	2
2/1/2008	NIST-2709	Mn-LEAP	0.1701	0.0050	538	17	2
2/1/2008	NIST-2709	Mn-LEAP	0.1739	0.0050	538	17	2
2/1/2008	NIST-2709	Mn-LEAP	0.1755	0.0050	538	17	2
2/1/2008	NIST-2709	Mn-LEAP	0.1684	0.0050	538	17	2
2/1/2008	NIST-2709	Mn-LEAP	0.1751	0.0050	538	17	2
2/1/2008	NIST-2704	Mn-LEAP	0.1776	0.0054	555	19	2
2/1/2008	NIST-2704	Mn-LEAP	0.1868	0.0054	555	19	2
2/1/2008	NIST-2704	Mn-LEAP	0.1839	0.0054	555	19	2
2/1/2008	NIST-2704	Mn-LEAP	0.1831	0.0054	555	19	2
2/1/2008	NIST-2704	Mn-LEAP	0.1818	0.0054	555	19	2
2/1/2008	SCO-1	Mn-LEAP	0.1149	0.0046	410	30	2
2/1/2008	SCO-1	Mn-LEAP	0.1003	0.0046	410	30	2
2/1/2008	SCO-1	Mn-LEAP	0.1099	0.0046	410	30	2
2/1/2008	SCO-1	Mn-LEAP	0.1020	0.0046	410	30	2
2/1/2008	SCO-1	Mn-LEAP	0.1083	0.0046	410	30	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MAG-1	Mn-LEAP	0.2495	0.0063	759	70	2
2/1/2008	MAG-1	Mn-LEAP	0.2458	0.0063	759	70	2
2/1/2008	MAG-1	Mn-LEAP	0.2562	0.0063	759	70	2
2/1/2008	MAG-1	Mn-LEAP	0.2516	0.0063	759	70	2
2/1/2008	MAG-1	Mn-LEAP	0.2533	0.0063	759	70	2
2/1/2008	NIST-2711	Mn-LEAP	0.2073	0.0050	638	28	2
2/1/2008	NIST-2711	Mn-LEAP	0.1931	0.0050	638	28	2
2/1/2008	NIST-2711	Mn-LEAP	0.2027	0.0050	638	28	2
2/1/2008	NIST-2711	Mn-LEAP	0.1956	0.0050	638	28	2
2/1/2008	NIST-2711	Mn-LEAP	0.2056	0.0050	638	28	2
2/1/2008	NIST-2711	Mn-LEAP	0.2010	0.0050	638	28	2
2/1/2008	SDO-1	Mn-LEAP	0.0694	0.0059	325	39	2
2/1/2008	SDO-1	Mn-LEAP	0.0660	0.0059	325	39	2
2/1/2008	SDO-1	Mn-LEAP	0.0677	0.0059	325	39	2
2/1/2008	SDO-1	Mn-LEAP	0.0468	0.0059	325	39	2
2/1/2008	SDO-1	Mn-LEAP	0.0581	0.0059	325	39	2
2/1/2008	BCSS-1	Mn	0.0033	0.0005	229	15	2
2/1/2008	BCSS-1	Mn	0.0034	0.0005	229	15	2
2/1/2008	BCSS-1	Mn	0.0039	0.0005	229	15	2
2/1/2008	BCSS-1	Mn	0.0031	0.0005	229	15	2
2/1/2008	BCSS-1	Mn	0.0035	0.0005	229	15	2
2/1/2008	MESS-1	Mn	0.0084	0.0006	513	25	2
2/1/2008	MESS-1	Mn	0.0094	0.0006	513	25	2
2/1/2008	MESS-1	Mn	0.0091	0.0006	513	25	2
2/1/2008	MESS-1	Mn	0.0087	0.0006	513	25	2
2/1/2008	MESS-1	Mn	0.0085	0.0006	513	25	2
2/1/2008	MESS-1	Mn	0.0089	0.0006	513	25	2
2/1/2008	MESS-1	Mn	0.0085	0.0006	513	25	2
2/1/2008	MESS-1	Mn	0.0081	0.0006	513	25	2
2/1/2008	NIST-2709	Mn	0.0099	0.0006	538	17	2
2/1/2008	NIST-2709	Mn	0.0106	0.0006	538	17	2
2/1/2008	NIST-2709	Mn	0.0089	0.0006	538	17	2
2/1/2008	NIST-2709	Mn	0.0095	0.0006	538	17	2
2/1/2008	NIST-2709	Mn	0.0102	0.0006	538	17	2
2/1/2008	NIST-2704	Mn	0.0113	0.0007	555	19	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2704	Mn	0.0109	0.0007	555	19	2
2/1/2008	NIST-2704	Mn	0.0110	0.0007	555	19	2
2/1/2008	NIST-2704	Mn	0.0101	0.0007	555	19	2
2/1/2008	NIST-2704	Mn	0.0122	0.0007	555	19	2
2/1/2008	SCO-1	Mn	0.0077	0.0006	410	30	2
2/1/2008	SCO-1	Mn	0.0071	0.0006	410	30	2
2/1/2008	SCO-1	Mn	0.0065	0.0006	410	30	2
2/1/2008	SCO-1	Mn	0.0069	0.0006	410	30	2
2/1/2008	SCO-1	Mn	0.0075	0.0006	410	30	2
2/1/2008	MAG-1	Mn	0.0156	0.0008	759	70	2
2/1/2008	MAG-1	Mn	0.0163	0.0008	759	70	2
2/1/2008	MAG-1	Mn	0.0154	0.0008	759	70	2
2/1/2008	MAG-1	Mn	0.0154	0.0008	759	70	2
2/1/2008	MAG-1	Mn	0.0142	0.0008	759	70	2
2/1/2008	NIST-2711	Mn	0.0117	0.0006	638	28	2
2/1/2008	NIST-2711	Mn	0.0124	0.0006	638	28	2
2/1/2008	NIST-2711	Mn	0.0122	0.0006	638	28	2
2/1/2008	NIST-2711	Mn	0.0110	0.0006	638	28	2
2/1/2008	NIST-2711	Mn	0.0123	0.0006	638	28	2
2/1/2008	NIST-2711	Mn	0.0106	0.0006	638	28	2
2/1/2008	SDO-1	Mn	0.0027	0.0007	325	39	2
2/1/2008	SDO-1	Mn	0.0053	0.0007	325	39	2
2/1/2008	SDO-1	Mn	0.0031	0.0007	325	39	2
2/1/2008	SDO-1	Mn	0.0040	0.0007	325	39	2
2/1/2008	SDO-1	Mn	0.0035	0.0007	325	39	2
2/1/2008	BCSS-1	Fe-LEAP	17.2663	0.1320	32873	979	2
2/1/2008	BCSS-1	Fe-LEAP	17.1577	0.1309	32873	979	2
2/1/2008	BCSS-1	Fe-LEAP	17.2864	0.1325	32873	979	2
2/1/2008	BCSS-1	Fe-LEAP	17.2560	0.1314	32873	979	2
2/1/2008	BCSS-1	Fe-LEAP	17.4080	0.1336	32873	979	2
2/1/2008	MESS-1	Fe-LEAP	15.9559	0.1233	30495	1749	2
2/1/2008	MESS-1	Fe-LEAP	15.5312	0.1189	30495	1749	2
2/1/2008	MESS-1	Fe-LEAP	15.6252	0.1200	30495	1749	2
2/1/2008	MESS-1	Fe-LEAP	15.7023	0.1206	30495	1749	2
2/1/2008	MESS-1	Fe-LEAP	15.6936	0.1206	30495	1749	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MESS-1	Fe-LEAP	15.7131	0.1206	30495	1749	2
2/1/2008	MESS-1	Fe-LEAP	15.6116	0.1195	30495	1749	2
2/1/2008	MESS-1	Fe-LEAP	15.5117	0.1184	30495	1749	2
2/1/2008	NIST-2709	Fe-LEAP	18.3747	0.1428	35000	1100	2
2/1/2008	NIST-2709	Fe-LEAP	18.6310	0.1455	35000	1100	2
2/1/2008	NIST-2709	Fe-LEAP	18.7728	0.1472	35000	1100	2
2/1/2008	NIST-2709	Fe-LEAP	18.7353	0.1466	35000	1100	2
2/1/2008	NIST-2709	Fe-LEAP	18.7380	0.1466	35000	1100	2
2/1/2008	NIST-2704	Fe-LEAP	21.6054	0.1722	41100	1000	2
2/1/2008	NIST-2704	Fe-LEAP	21.9883	0.1776	41100	1000	2
2/1/2008	NIST-2704	Fe-LEAP	21.7911	0.1749	41100	1000	2
2/1/2008	NIST-2704	Fe-LEAP	21.7374	0.1743	41100	1000	2
2/1/2008	NIST-2704	Fe-LEAP	21.8808	0.1754	41100	1000	2
2/1/2008	SCO-1	Fe-LEAP	18.6669	0.1445	35881	1259	2
2/1/2008	SCO-1	Fe-LEAP	18.2960	0.1412	35881	1259	2
2/1/2008	SCO-1	Fe-LEAP	18.1645	0.1396	35881	1259	2
2/1/2008	SCO-1	Fe-LEAP	18.4410	0.1428	35881	1259	2
2/1/2008	SCO-1	Fe-LEAP	18.6587	0.1450	35881	1259	2
2/1/2008	MAG-1	Fe-LEAP	26.2220	0.2140	47561	4197	2
2/1/2008	MAG-1	Fe-LEAP	26.5946	0.2178	47561	4197	2
2/1/2008	MAG-1	Fe-LEAP	26.5892	0.2178	47561	4197	2
2/1/2008	MAG-1	Fe-LEAP	26.4724	0.2161	47561	4197	2
2/1/2008	MAG-1	Fe-LEAP	26.6511	0.2189	47561	4197	2
2/1/2008	NIST-2711	Fe-LEAP	14.4049	0.1135	28900	600	2
2/1/2008	NIST-2711	Fe-LEAP	14.2306	0.1097	28900	600	2
2/1/2008	NIST-2711	Fe-LEAP	14.4342	0.1130	28900	600	2
2/1/2008	NIST-2711	Fe-LEAP	14.3142	0.1119	28900	600	2
2/1/2008	NIST-2711	Fe-LEAP	14.5352	0.1135	28900	600	2
2/1/2008	NIST-2711	Fe-LEAP	14.3718	0.1124	28900	600	2
2/1/2008	SDO-1	Fe-LEAP	34.6048	0.2895	65327	1469	2
2/1/2008	SDO-1	Fe-LEAP	35.0002	0.2954	65327	1469	2
2/1/2008	SDO-1	Fe-LEAP	34.7297	0.2922	65327	1469	2
2/1/2008	SDO-1	Fe-LEAP	34.4528	0.2884	65327	1469	2
2/1/2008	SDO-1	Fe-LEAP	34.0286	0.2824	65327	1469	2
2/1/2008	BCSS-1	Fe	1.1105	0.0056	32873	979	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	BCSS-1	Fe	1.1199	0.0057	32873	979	2
2/1/2008	BCSS-1	Fe	1.1103	0.0057	32873	979	2
2/1/2008	BCSS-1	Fe	1.1232	0.0057	32873	979	2
2/1/2008	BCSS-1	Fe	1.1187	0.0057	32873	979	2
2/1/2008	MESS-1	Fe	1.0281	0.0054	30495	1749	2
2/1/2008	MESS-1	Fe	1.0175	0.0053	30495	1749	2
2/1/2008	MESS-1	Fe	1.0233	0.0053	30495	1749	2
2/1/2008	MESS-1	Fe	1.0358	0.0054	30495	1749	2
2/1/2008	MESS-1	Fe	1.0420	0.0054	30495	1749	2
2/1/2008	MESS-1	Fe	1.0274	0.0054	30495	1749	2
2/1/2008	MESS-1	Fe	1.0305	0.0054	30495	1749	2
2/1/2008	MESS-1	Fe	1.0317	0.0054	30495	1749	2
2/1/2008	NIST-2709	Fe	1.1650	0.0059	35000	1100	2
2/1/2008	NIST-2709	Fe	1.1595	0.0059	35000	1100	2
2/1/2008	NIST-2709	Fe	1.1559	0.0059	35000	1100	2
2/1/2008	NIST-2709	Fe	1.1613	0.0059	35000	1100	2
2/1/2008	NIST-2709	Fe	1.1649	0.0059	35000	1100	2
2/1/2008	NIST-2704	Fe	1.4626	0.0074	41100	1000	2
2/1/2008	NIST-2704	Fe	1.4468	0.0073	41100	1000	2
2/1/2008	NIST-2704	Fe	1.4528	0.0073	41100	1000	2
2/1/2008	NIST-2704	Fe	1.4461	0.0073	41100	1000	2
2/1/2008	NIST-2704	Fe	1.4456	0.0073	41100	1000	2
2/1/2008	SCO-1	Fe	1.1896	0.0060	35881	1259	2
2/1/2008	SCO-1	Fe	1.1894	0.0060	35881	1259	2
2/1/2008	SCO-1	Fe	1.1876	0.0060	35881	1259	2
2/1/2008	SCO-1	Fe	1.1881	0.0060	35881	1259	2
2/1/2008	SCO-1	Fe	1.1856	0.0060	35881	1259	2
2/1/2008	MAG-1	Fe	1.7562	0.0087	47561	4197	2
2/1/2008	MAG-1	Fe	1.7558	0.0087	47561	4197	2
2/1/2008	MAG-1	Fe	1.7683	0.0088	47561	4197	2
2/1/2008	MAG-1	Fe	1.7734	0.0088	47561	4197	2
2/1/2008	MAG-1	Fe	1.7681	0.0088	47561	4197	2
2/1/2008	NIST-2711	Fe	0.9491	0.0052	28900	600	2
2/1/2008	NIST-2711	Fe	0.9578	0.0052	28900	600	2
2/1/2008	NIST-2711	Fe	0.9571	0.0052	28900	600	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2711	Fe	0.9505	0.0051	28900	600	2
2/1/2008	NIST-2711	Fe	0.9484	0.0051	28900	600	2
2/1/2008	NIST-2711	Fe	0.9616	0.0052	28900	600	2
2/1/2008	SDO-1	Fe	2.4127	0.0116	65327	1469	2
2/1/2008	SDO-1	Fe	2.4110	0.0116	65327	1469	2
2/1/2008	SDO-1	Fe	2.4062	0.0115	65327	1469	2
2/1/2008	SDO-1	Fe	2.3999	0.0114	65327	1469	2
2/1/2008	SDO-1	Fe	2.3974	0.0114	65327	1469	2
2/1/2008	BCSS-1	Co	0.0161	0.0017	11.4	2.1	2
2/1/2008	BCSS-1	Co	0.0169	0.0017	11.4	2.1	2
2/1/2008	BCSS-1	Co	0.0181	0.0017	11.4	2.1	2
2/1/2008	BCSS-1	Co	0.0168	0.0017	11.4	2.1	2
2/1/2008	BCSS-1	Co	0.0169	0.0017	11.4	2.1	2
2/1/2008	MESS-1	Co	0.0142	0.0016	10.8	1.9	2
2/1/2008	MESS-1	Co	0.0128	0.0016	10.8	1.9	2
2/1/2008	MESS-1	Co	0.0118	0.0016	10.8	1.9	2
2/1/2008	MESS-1	Co	0.0117	0.0016	10.8	1.9	2
2/1/2008	MESS-1	Co	0.0133	0.0016	10.8	1.9	2
2/1/2008	MESS-1	Co	0.0147	0.0016	10.8	1.9	2
2/1/2008	MESS-1	Co	0.0137	0.0016	10.8	1.9	2
2/1/2008	MESS-1	Co	0.0164	0.0016	10.8	1.9	2
2/1/2008	NIST-2709	Co	0.0170	0.0017	13.4	0.7	2
2/1/2008	NIST-2709	Co	0.0181	0.0017	13.4	0.7	2
2/1/2008	NIST-2709	Co	0.0164	0.0017	13.4	0.7	2
2/1/2008	NIST-2709	Co	0.0150	0.0017	13.4	0.7	2
2/1/2008	NIST-2709	Co	0.0165	0.0017	13.4	0.7	2
2/1/2008	NIST-2704	Co	0.0196	0.0020	14	0.6	2
2/1/2008	NIST-2704	Co	0.0206	0.0020	14	0.6	2
2/1/2008	NIST-2704	Co	0.0160	0.0020	14	0.6	2
2/1/2008	NIST-2704	Co	0.0197	0.0020	14	0.6	2
2/1/2008	NIST-2704	Co	0.0186	0.0020	14	0.6	2
2/1/2008	SCO-1	Co	0.0165	0.0018	11	0.8	2
2/1/2008	SCO-1	Co	0.0184	0.0018	11	0.8	2
2/1/2008	SCO-1	Co	0.0145	0.0017	11	0.8	2
2/1/2008	SCO-1	Co	0.0191	0.0018	11	0.8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	SCO-1	Co	0.0198	0.0018	11	0.8	2
2/1/2008	MAG-1	Co	0.0257	0.0022	20	1.6	2
2/1/2008	MAG-1	Co	0.0240	0.0022	20	1.6	2
2/1/2008	MAG-1	Co	0.0232	0.0022	20	1.6	2
2/1/2008	MAG-1	Co	0.0215	0.0022	20	1.6	2
2/1/2008	MAG-1	Co	0.0268	0.0023	20	1.6	2
2/1/2008	NIST-2711	Co	0.0140	0.0016	10	1	1
2/1/2008	NIST-2711	Co	0.0138	0.0016	10	1	1
2/1/2008	NIST-2711	Co	0.0104	0.0016	10	1	1
2/1/2008	NIST-2711	Co	0.0136	0.0016	10	1	1
2/1/2008	NIST-2711	Co	0.0124	0.0016	10	1	1
2/1/2008	NIST-2711	Co	0.0108	0.0016	10	1	1
2/1/2008	SDO-1	Co	0.0287	0.0026	46.8	6.3	2
2/1/2008	SDO-1	Co	0.0331	0.0026	46.8	6.3	2
2/1/2008	SDO-1	Co	0.0388	0.0027	46.8	6.3	2
2/1/2008	SDO-1	Co	0.0346	0.0026	46.8	6.3	2
2/1/2008	SDO-1	Co	0.0334	0.0026	46.8	6.3	2
2/1/2008	BCSS-1	Ni	0.0020	0.0005	55.3	3.6	2
2/1/2008	BCSS-1	Ni	0.0020	0.0006	55.3	3.6	2
2/1/2008	BCSS-1	Ni	0.0025	0.0006	55.3	3.6	2
2/1/2008	BCSS-1	Ni	0.0026	0.0006	55.3	3.6	2
2/1/2008	MESS-1	Ni	0.0016	0.0005	29.5	2.7	2
2/1/2008	MESS-1	Ni	0.0021	0.0005	29.5	2.7	2
2/1/2008	MESS-1	Ni	0.0018	0.0005	29.5	2.7	2
2/1/2008	NIST-2709	Ni	0.0024	0.0006	88	5	2
2/1/2008	NIST-2709	Ni	0.0033	0.0006	88	5	2
2/1/2008	NIST-2709	Ni	0.0033	0.0006	88	5	2
2/1/2008	NIST-2709	Ni	0.0036	0.0006	88	5	2
2/1/2008	NIST-2709	Ni	0.0029	0.0006	88	5	2
2/1/2008	SDO-1	Ni	0.0038	0.0008	99.5	9.9	2
2/1/2008	SDO-1	Ni	0.0028	0.0008	99.5	9.9	2
2/1/2008	SDO-1	Ni	0.0027	0.0008	99.5	9.9	2
2/1/2008	SDO-1	Ni	0.0029	0.0008	99.5	9.9	2
2/1/2008	BCSS-1	Cu	0.0023	0.0004	18.5	2.7	2
2/1/2008	BCSS-1	Cu	0.0018	0.0004	18.5	2.7	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	BCSS-1	Cu	0.0016	0.0004	18.5	2.7	2
2/1/2008	BCSS-1	Cu	0.0019	0.0004	18.5	2.7	2
2/1/2008	BCSS-1	Cu	0.0015	0.0004	18.5	2.7	2
2/1/2008	MESS-1	Cu	0.0025	0.0004	25.1	3.8	2
2/1/2008	MESS-1	Cu	0.0029	0.0004	25.1	3.8	2
2/1/2008	MESS-1	Cu	0.0027	0.0004	25.1	3.8	2
2/1/2008	MESS-1	Cu	0.0016	0.0004	25.1	3.8	2
2/1/2008	MESS-1	Cu	0.0013	0.0004	25.1	3.8	2
2/1/2008	MESS-1	Cu	0.0021	0.0004	25.1	3.8	2
2/1/2008	MESS-1	Cu	0.0025	0.0004	25.1	3.8	2
2/1/2008	MESS-1	Cu	0.0027	0.0004	25.1	3.8	2
2/1/2008	NIST-2709	Cu	0.0027	0.0004	34.6	0.7	2
2/1/2008	NIST-2709	Cu	0.0027	0.0004	34.6	0.7	2
2/1/2008	NIST-2709	Cu	0.0027	0.0004	34.6	0.7	2
2/1/2008	NIST-2709	Cu	0.0030	0.0004	34.6	0.7	2
2/1/2008	NIST-2709	Cu	0.0022	0.0004	34.6	0.7	2
2/1/2008	NIST-2704	Cu	0.0092	0.0005	98.6	5	2
2/1/2008	NIST-2704	Cu	0.0088	0.0005	98.6	5	2
2/1/2008	NIST-2704	Cu	0.0087	0.0005	98.6	5	2
2/1/2008	NIST-2704	Cu	0.0092	0.0005	98.6	5	2
2/1/2008	NIST-2704	Cu	0.0093	0.0005	98.6	5	2
2/1/2008	SCO-1	Cu	0.0023	0.0004	29	2	2
2/1/2008	SCO-1	Cu	0.0027	0.0004	29	2	2
2/1/2008	SCO-1	Cu	0.0030	0.0004	29	2	2
2/1/2008	SCO-1	Cu	0.0024	0.0004	29	2	2
2/1/2008	SCO-1	Cu	0.0030	0.0004	29	2	2
2/1/2008	MAG-1	Cu	0.0019	0.0004	30	3	2
2/1/2008	MAG-1	Cu	0.0023	0.0004	30	3	2
2/1/2008	MAG-1	Cu	0.0021	0.0004	30	3	2
2/1/2008	MAG-1	Cu	0.0027	0.0005	30	3	2
2/1/2008	MAG-1	Cu	0.0027	0.0005	30	3	2
2/1/2008	NIST-2711	Cu	0.0102	0.0005	114	2	2
2/1/2008	NIST-2711	Cu	0.0106	0.0005	114	2	2
2/1/2008	NIST-2711	Cu	0.0104	0.0005	114	2	2
2/1/2008	NIST-2711	Cu	0.0103	0.0005	114	2	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2711	Cu	0.0103	0.0005	114	2	2
2/1/2008	NIST-2711	Cu	0.0101	0.0005	114	2	2
2/1/2008	SDO-1	Cu	0.0054	0.0005	60.2	9.6	2
2/1/2008	SDO-1	Cu	0.0048	0.0005	60.2	9.6	2
2/1/2008	SDO-1	Cu	0.0041	0.0005	60.2	9.6	2
2/1/2008	SDO-1	Cu	0.0038	0.0005	60.2	9.6	2
2/1/2008	SDO-1	Cu	0.0041	0.0005	60.2	9.6	2
2/1/2008	BCSS-1	Zn	0.0136	0.0004	119	12	2
2/1/2008	BCSS-1	Zn	0.0142	0.0004	119	12	2
2/1/2008	BCSS-1	Zn	0.0148	0.0004	119	12	2
2/1/2008	BCSS-1	Zn	0.0141	0.0004	119	12	2
2/1/2008	BCSS-1	Zn	0.0133	0.0004	119	12	2
2/1/2008	MESS-1	Zn	0.0231	0.0006	191	17	2
2/1/2008	MESS-1	Zn	0.0228	0.0006	191	17	2
2/1/2008	MESS-1	Zn	0.0232	0.0006	191	17	2
2/1/2008	MESS-1	Zn	0.0252	0.0006	191	17	2
2/1/2008	MESS-1	Zn	0.0261	0.0006	191	17	2
2/1/2008	MESS-1	Zn	0.0249	0.0006	191	17	2
2/1/2008	MESS-1	Zn	0.0240	0.0006	191	17	2
2/1/2008	MESS-1	Zn	0.0249	0.0006	191	17	2
2/1/2008	NIST-2709	Zn	0.0133	0.0004	106	3	2
2/1/2008	NIST-2709	Zn	0.0123	0.0004	106	3	2
2/1/2008	NIST-2709	Zn	0.0132	0.0004	106	3	2
2/1/2008	NIST-2709	Zn	0.0129	0.0004	106	3	2
2/1/2008	NIST-2709	Zn	0.0126	0.0004	106	3	2
2/1/2008	NIST-2704	Zn	0.0576	0.0010	438	12	2
2/1/2008	NIST-2704	Zn	0.0565	0.0010	438	12	2
2/1/2008	NIST-2704	Zn	0.0583	0.0010	438	12	2
2/1/2008	NIST-2704	Zn	0.0568	0.0009	438	12	2
2/1/2008	NIST-2704	Zn	0.0589	0.0010	438	12	2
2/1/2008	SCO-1	Zn	0.0117	0.0004	100	8	2
2/1/2008	SCO-1	Zn	0.0126	0.0004	100	8	2
2/1/2008	SCO-1	Zn	0.0124	0.0004	100	8	2
2/1/2008	SCO-1	Zn	0.0132	0.0004	100	8	2
2/1/2008	SCO-1	Zn	0.0127	0.0004	100	8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MAG-1	Zn	0.0181	0.0006	130	6	2
2/1/2008	MAG-1	Zn	0.0160	0.0006	130	6	2
2/1/2008	MAG-1	Zn	0.0168	0.0006	130	6	2
2/1/2008	MAG-1	Zn	0.0165	0.0006	130	6	2
2/1/2008	MAG-1	Zn	0.0165	0.0006	130	6	2
2/1/2008	NIST-2711	Zn	0.0459	0.0009	350.4	4.8	2
2/1/2008	NIST-2711	Zn	0.0462	0.0009	350.4	4.8	2
2/1/2008	NIST-2711	Zn	0.0451	0.0009	350.4	4.8	2
2/1/2008	NIST-2711	Zn	0.0441	0.0009	350.4	4.8	2
2/1/2008	NIST-2711	Zn	0.0445	0.0009	350.4	4.8	2
2/1/2008	NIST-2711	Zn	0.0472	0.0009	350.4	4.8	2
2/1/2008	SDO-1	Zn	0.0067	0.0004	64.1	6.9	2
2/1/2008	SDO-1	Zn	0.0067	0.0004	64.1	6.9	2
2/1/2008	SDO-1	Zn	0.0064	0.0004	64.1	6.9	2
2/1/2008	SDO-1	Zn	0.0058	0.0004	64.1	6.9	2
2/1/2008	SDO-1	Zn	0.0066	0.0004	64.1	6.9	2
2/1/2008	SCO-1	As	0.0024	0.0005	12	1	2
2/1/2008	SCO-1	As	0.0027	0.0005	12	1	2
2/1/2008	SCO-1	As	0.0027	0.0005	12	1	2
2/1/2008	SCO-1	As	0.0029	0.0005	12	1	2
2/1/2008	SCO-1	As	0.0032	0.0005	12	1	2
2/1/2008	NIST-2710	As	0.1512	0.0059	626	38	2
2/1/2008	NIST-2710	As	0.1483	0.0059	626	38	2
2/1/2008	NIST-2710	As	0.1520	0.0059	626	38	2
2/1/2008	NIST-2710	As	0.1432	0.0059	626	38	2
2/1/2008	NIST-2710	As	0.1373	0.0059	626	38	2
2/1/2008	MAG-1	As	0.0024	0.0005	9.2	0.92	1
2/1/2008	MAG-1	As	0.0027	0.0005	9.2	0.92	1
2/1/2008	MAG-1	As	0.0024	0.0005	9.2	0.92	1
2/1/2008	MAG-1	As	0.0027	0.0005	9.2	0.92	1
2/1/2008	MAG-1	As	0.0024	0.0005	9.2	0.92	1
2/1/2008	BCSS-1	As	0.0024	0.0005	11.1	1.4	2
2/1/2008	BCSS-1	As	0.0029	0.0005	11.1	1.4	2
2/1/2008	BCSS-1	As	0.0019	0.0005	11.1	1.4	2
2/1/2008	BCSS-1	As	0.0032	0.0005	11.1	1.4	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	BCSS-1	As	0.0035	0.0005	11.1	1.4	2
2/1/2008	MESS-1	As	0.0035	0.0005	10.6	1.2	2
2/1/2008	MESS-1	As	0.0032	0.0005	10.6	1.2	2
2/1/2008	MESS-1	As	0.0032	0.0005	10.6	1.2	2
2/1/2008	MESS-1	As	0.0027	0.0005	10.6	1.2	2
2/1/2008	MESS-1	As	0.0027	0.0005	10.6	1.2	2
2/1/2008	MESS-1	As	0.0016	0.0005	10.6	1.2	2
2/1/2008	MESS-1	As	0.0029	0.0005	10.6	1.2	2
2/1/2008	MESS-1	As	0.0029	0.0005	10.6	1.2	2
2/1/2008	NIST-2709	As	0.0046	0.0005	17.7	0.8	2
2/1/2008	NIST-2709	As	0.0054	0.0005	17.7	0.8	2
2/1/2008	NIST-2709	As	0.0046	0.0005	17.7	0.8	2
2/1/2008	NIST-2709	As	0.0051	0.0005	17.7	0.8	2
2/1/2008	NIST-2709	As	0.0046	0.0005	17.7	0.8	2
2/1/2008	NIST-2711	As	0.0182	0.0024	105	8	2
2/1/2008	NIST-2711	As	0.0185	0.0024	105	8	2
2/1/2008	NIST-2711	As	0.0088	0.0024	105	8	2
2/1/2008	NIST-2711	As	0.0137	0.0024	105	8	2
2/1/2008	NIST-2711	As	0.0198	0.0024	105	8	2
2/1/2008	NIST-2711	As	0.0193	0.0024	105	8	2
2/1/2008	NIST-2704	As	0.0046	0.0011	23.4	0.8	2
2/1/2008	NIST-2704	As	0.0048	0.0011	23.4	0.8	2
2/1/2008	NIST-2704	As	0.0035	0.0011	23.4	0.8	2
2/1/2008	NIST-2704	As	0.0054	0.0011	23.4	0.8	2
2/1/2008	NIST-2704	As	0.0046	0.0011	23.4	0.8	2
2/1/2008	SDO-1	As	0.0209	0.0008	68.5	8.6	2
2/1/2008	SDO-1	As	0.0193	0.0008	68.5	8.6	2
2/1/2008	SDO-1	As	0.0198	0.0008	68.5	8.6	2
2/1/2008	SDO-1	As	0.0185	0.0008	68.5	8.6	2
2/1/2008	SDO-1	As	0.0204	0.0008	68.5	8.6	2
2/1/2008	NIST-2710	Br	0.0086	0.0013	6	0.6	1
2/1/2008	NIST-2710	Br	0.0073	0.0013	6	0.6	1
2/1/2008	NIST-2710	Br	0.0056	0.0013	6	0.6	1
2/1/2008	NIST-2710	Br	0.0069	0.0013	6	0.6	1
2/1/2008	MAG-1	Br	0.1081	0.0013	250	25	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MAG-1	Br	0.1085	0.0013	250	25	1
2/1/2008	MAG-1	Br	0.1102	0.0013	250	25	1
2/1/2008	MAG-1	Br	0.1094	0.0013	250	25	1
2/1/2008	MAG-1	Br	0.1120	0.0013	250	25	1
2/1/2008	NIST-2711	Br	0.0030	0.0004	5	0.5	1
2/1/2008	NIST-2711	Br	0.0030	0.0004	5	0.5	1
2/1/2008	NIST-2711	Br	0.0048	0.0004	5	0.5	1
2/1/2008	NIST-2711	Br	0.0043	0.0004	5	0.5	1
2/1/2008	NIST-2711	Br	0.0030	0.0004	5	0.5	1
2/1/2008	NIST-2711	Br	0.0043	0.0004	5	0.5	1
2/1/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
2/1/2008	NIST-2704	Br	0.0026	0.0004	7	0.7	1
2/1/2008	NIST-2704	Br	0.0035	0.0004	7	0.7	1
2/1/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
2/1/2008	NIST-2704	Br	0.0035	0.0004	7	0.7	1
2/1/2008	SCO-1	Rb	0.0727	0.0014	110	4	2
2/1/2008	SCO-1	Rb	0.0755	0.0014	110	4	2
2/1/2008	SCO-1	Rb	0.0734	0.0014	110	4	2
2/1/2008	SCO-1	Rb	0.0734	0.0014	110	4	2
2/1/2008	SCO-1	Rb	0.0713	0.0014	110	4	2
2/1/2008	NIST-2710	Rb	0.0840	0.0021	120	12	1
2/1/2008	NIST-2710	Rb	0.0819	0.0021	120	12	1
2/1/2008	NIST-2710	Rb	0.0805	0.0021	120	12	1
2/1/2008	NIST-2710	Rb	0.0847	0.0021	120	12	1
2/1/2008	NIST-2710	Rb	0.0833	0.0021	120	12	1
2/1/2008	MAG-1	Rb	0.0974	0.0014	150	6	2
2/1/2008	MAG-1	Rb	0.0967	0.0014	150	6	2
2/1/2008	MAG-1	Rb	0.0946	0.0014	150	6	2
2/1/2008	MAG-1	Rb	0.0967	0.0014	150	6	2
2/1/2008	MAG-1	Rb	0.0953	0.0014	150	6	2
2/1/2008	NIST-2709	Rb	0.0607	0.0014	96	9.6	1
2/1/2008	NIST-2709	Rb	0.0600	0.0014	96	9.6	1
2/1/2008	NIST-2709	Rb	0.0593	0.0014	96	9.6	1
2/1/2008	NIST-2709	Rb	0.0586	0.0014	96	9.6	1
2/1/2008	NIST-2709	Rb	0.0593	0.0014	96	9.6	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2711	Rb	0.0727	0.0014	110	11	1
2/1/2008	NIST-2711	Rb	0.0755	0.0014	110	11	1
2/1/2008	NIST-2711	Rb	0.0770	0.0014	110	11	1
2/1/2008	NIST-2711	Rb	0.0734	0.0014	110	11	1
2/1/2008	NIST-2711	Rb	0.0748	0.0014	110	11	1
2/1/2008	NIST-2711	Rb	0.0763	0.0014	110	11	1
2/1/2008	NIST-2704	Rb	0.0657	0.0014	100	10	1
2/1/2008	NIST-2704	Rb	0.0678	0.0014	100	10	1
2/1/2008	NIST-2704	Rb	0.0678	0.0014	100	10	1
2/1/2008	NIST-2704	Rb	0.0650	0.0014	100	10	1
2/1/2008	NIST-2704	Rb	0.0671	0.0014	100	10	1
2/1/2008	SDO-1	Rb	0.0812	0.0014	126	3.9	2
2/1/2008	SDO-1	Rb	0.0791	0.0014	126	3.9	2
2/1/2008	SDO-1	Rb	0.0798	0.0014	126	3.9	2
2/1/2008	SDO-1	Rb	0.0791	0.0014	126	3.9	2
2/1/2008	SDO-1	Rb	0.0791	0.0014	126	3.9	2
2/1/2008	SCO-1	Sr	0.1269	0.0016	170	16	2
2/1/2008	SCO-1	Sr	0.1277	0.0016	170	16	2
2/1/2008	SCO-1	Sr	0.1262	0.0016	170	16	2
2/1/2008	SCO-1	Sr	0.1277	0.0016	170	16	2
2/1/2008	SCO-1	Sr	0.1262	0.0016	170	16	2
2/1/2008	NIST-2710	Sr	0.2547	0.0024	330	33	1
2/1/2008	NIST-2710	Sr	0.2570	0.0024	330	33	1
2/1/2008	NIST-2710	Sr	0.2562	0.0024	330	33	1
2/1/2008	NIST-2710	Sr	0.2586	0.0024	330	33	1
2/1/2008	NIST-2710	Sr	0.2570	0.0024	330	33	1
2/1/2008	MAG-1	Sr	0.1066	0.0016	150	15	2
2/1/2008	MAG-1	Sr	0.1034	0.0016	150	15	2
2/1/2008	MAG-1	Sr	0.1105	0.0016	150	15	2
2/1/2008	MAG-1	Sr	0.1089	0.0016	150	15	2
2/1/2008	MAG-1	Sr	0.1097	0.0016	150	15	2
2/1/2008	BCSS-1	Sr	0.0768	0.0008	96	9.6	1
2/1/2008	BCSS-1	Sr	0.0776	0.0008	96	9.6	1
2/1/2008	BCSS-1	Sr	0.0776	0.0008	96	9.6	1
2/1/2008	BCSS-1	Sr	0.0768	0.0008	96	9.6	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	BCSS-1	Sr	0.0776	0.0008	96	9.6	1
2/1/2008	MESS-1	Sr	0.0713	0.0008	89	8.9	1
2/1/2008	MESS-1	Sr	0.0697	0.0008	89	8.9	1
2/1/2008	MESS-1	Sr	0.0705	0.0008	89	8.9	1
2/1/2008	MESS-1	Sr	0.0729	0.0008	89	8.9	1
2/1/2008	MESS-1	Sr	0.0721	0.0008	89	8.9	1
2/1/2008	MESS-1	Sr	0.0705	0.0008	89	8.9	1
2/1/2008	MESS-1	Sr	0.0690	0.0008	89	8.9	1
2/1/2008	MESS-1	Sr	0.0713	0.0008	89	8.9	1
2/1/2008	NIST-2709	Sr	0.1685	0.0016	231	2	2
2/1/2008	NIST-2709	Sr	0.1693	0.0016	231	2	2
2/1/2008	NIST-2709	Sr	0.1685	0.0016	231	2	2
2/1/2008	NIST-2709	Sr	0.1716	0.0016	231	2	2
2/1/2008	NIST-2709	Sr	0.1693	0.0016	231	2	2
2/1/2008	NIST-2711	Sr	0.1865	0.0016	245.3	0.7	2
2/1/2008	NIST-2711	Sr	0.1888	0.0016	245.3	0.7	2
2/1/2008	NIST-2711	Sr	0.1849	0.0016	245.3	0.7	2
2/1/2008	NIST-2711	Sr	0.1873	0.0016	245.3	0.7	2
2/1/2008	NIST-2711	Sr	0.1794	0.0016	245.3	0.7	2
2/1/2008	NIST-2711	Sr	0.1873	0.0016	245.3	0.7	2
2/1/2008	NIST-2704	Sr	0.1027	0.0016	130	13	1
2/1/2008	NIST-2704	Sr	0.1011	0.0016	130	13	1
2/1/2008	NIST-2704	Sr	0.1011	0.0016	130	13	1
2/1/2008	NIST-2704	Sr	0.1011	0.0016	130	13	1
2/1/2008	NIST-2704	Sr	0.1027	0.0016	130	13	1
2/1/2008	SDO-1	Sr	0.0564	0.0008	75.1	11	2
2/1/2008	SDO-1	Sr	0.0564	0.0008	75.1	11	2
2/1/2008	SDO-1	Sr	0.0549	0.0008	75.1	11	2
2/1/2008	SDO-1	Sr	0.0549	0.0008	75.1	11	2
2/1/2008	SDO-1	Sr	0.0525	0.0008	75.1	11	2
2/1/2008	SCO-1	Zr	0.1788	0.0023	160	30	2
2/1/2008	SCO-1	Zr	0.1788	0.0023	160	30	2
2/1/2008	SCO-1	Zr	0.1765	0.0023	160	30	2
2/1/2008	SCO-1	Zr	0.1800	0.0023	160	30	2
2/1/2008	SCO-1	Zr	0.1800	0.0023	160	30	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MAG-1	Zr	0.1309	0.0023	130	13	2
2/1/2008	MAG-1	Zr	0.1297	0.0023	130	13	2
2/1/2008	MAG-1	Zr	0.1321	0.0023	130	13	2
2/1/2008	MAG-1	Zr	0.1286	0.0023	130	13	2
2/1/2008	MAG-1	Zr	0.1309	0.0023	130	13	2
2/1/2008	NIST-2709	Zr	0.1368	0.0023	160	16	1
2/1/2008	NIST-2709	Zr	0.1333	0.0023	160	16	1
2/1/2008	NIST-2709	Zr	0.1368	0.0023	160	16	1
2/1/2008	NIST-2709	Zr	0.1344	0.0023	160	16	1
2/1/2008	NIST-2709	Zr	0.1309	0.0023	160	16	1
2/1/2008	NIST-2711	Zr	0.2665	0.0023	230	23	1
2/1/2008	NIST-2711	Zr	0.2677	0.0023	230	23	1
2/1/2008	NIST-2711	Zr	0.2677	0.0023	230	23	1
2/1/2008	NIST-2711	Zr	0.2688	0.0023	230	23	1
2/1/2008	NIST-2711	Zr	0.2653	0.0023	230	23	1
2/1/2008	NIST-2711	Zr	0.2677	0.0023	230	23	1
2/1/2008	NIST-2704	Zr	0.3063	0.0023	300	30	1
2/1/2008	NIST-2704	Zr	0.3016	0.0023	300	30	1
2/1/2008	NIST-2704	Zr	0.2946	0.0023	300	30	1
2/1/2008	NIST-2704	Zr	0.3051	0.0023	300	30	1
2/1/2008	NIST-2704	Zr	0.3016	0.0023	300	30	1
2/1/2008	SDO-1	Zr	0.1648	0.0023	165	24	2
2/1/2008	SDO-1	Zr	0.1625	0.0023	165	24	2
2/1/2008	SDO-1	Zr	0.1601	0.0023	165	24	2
2/1/2008	SDO-1	Zr	0.1601	0.0023	165	24	2
2/1/2008	SDO-1	Zr	0.1590	0.0023	165	24	2
2/1/2008	NIST-2710	Mo	0.0174	0.0025	19	1.9	1
2/1/2008	NIST-2710	Mo	0.0186	0.0025	19	1.9	1
2/1/2008	NIST-2710	Mo	0.0186	0.0025	19	1.9	1
2/1/2008	NIST-2710	Mo	0.0149	0.0025	19	1.9	1
2/1/2008	NIST-2710	Mo	0.0174	0.0025	19	1.9	1
2/1/2008	MESS-1	Mo	0.0075	0.0025	2.2	0.22	1
2/1/2008	MESS-1	Mo	0.0075	0.0025	2.2	0.22	1
2/1/2008	MESS-1	Mo	0.0062	0.0012	2.2	0.22	1
2/1/2008	MESS-1	Mo	0.0062	0.0025	2.2	0.22	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	SDO-1	Mo	0.1578	0.0025	134	21	2
2/1/2008	SDO-1	Mo	0.1578	0.0025	134	21	2
2/1/2008	SDO-1	Mo	0.1602	0.0025	134	21	2
2/1/2008	SDO-1	Mo	0.1553	0.0025	134	21	2
2/1/2008	SDO-1	Mo	0.1553	0.0025	134	21	2
2/1/2008	NIST-2710	Cd	0.0150	0.0042	21.8	0.2	2
2/1/2008	NIST-2710	Cd	0.0126	0.0042	21.8	0.2	2
2/1/2008	NIST-2710	Cd	0.0162	0.0042	21.8	0.2	2
2/1/2008	BCSS-1	Cd	0.0111	0.0036	0.25	0.04	2
2/1/2008	NIST-2711	Cd	0.0123	0.0036	41.7	0.25	2
2/1/2008	NIST-2711	Cd	0.0204	0.0036	41.7	0.25	2
2/1/2008	NIST-2711	Cd	0.0186	0.0036	41.7	0.25	2
2/1/2008	NIST-2711	Cd	0.0156	0.0036	41.7	0.25	2
2/1/2008	NIST-2711	Cd	0.0177	0.0036	41.7	0.25	2
2/1/2008	NIST-2711	Cd	0.0171	0.0036	41.7	0.25	2
2/1/2008	SCO-1	Ba	0.0718	0.0042	570	30	2
2/1/2008	SCO-1	Ba	0.0772	0.0044	570	30	2
2/1/2008	SCO-1	Ba	0.0760	0.0042	570	30	2
2/1/2008	SCO-1	Ba	0.0785	0.0044	570	30	2
2/1/2008	SCO-1	Ba	0.0749	0.0044	570	30	2
2/1/2008	NIST-2710	Ba	0.0833	0.0050	707	51	2
2/1/2008	NIST-2710	Ba	0.0795	0.0050	707	51	2
2/1/2008	NIST-2710	Ba	0.0888	0.0050	707	51	2
2/1/2008	NIST-2710	Ba	0.0793	0.0050	707	51	2
2/1/2008	NIST-2710	Ba	0.0881	0.0050	707	51	2
2/1/2008	MAG-1	Ba	0.0825	0.0052	480	41	2
2/1/2008	MAG-1	Ba	0.0848	0.0052	480	41	2
2/1/2008	MAG-1	Ba	0.0789	0.0052	480	41	2
2/1/2008	MAG-1	Ba	0.0871	0.0052	480	41	2
2/1/2008	MAG-1	Ba	0.0908	0.0054	480	41	2
2/1/2008	NIST-2709	Ba	0.0768	0.0044	968	40	2
2/1/2008	NIST-2709	Ba	0.0839	0.0044	968	40	2
2/1/2008	NIST-2709	Ba	0.0787	0.0044	968	40	2
2/1/2008	NIST-2709	Ba	0.0796	0.0044	968	40	2
2/1/2008	NIST-2709	Ba	0.0875	0.0044	968	40	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2711	Ba	0.0682	0.0040	726	38	2
2/1/2008	NIST-2711	Ba	0.0638	0.0038	726	38	2
2/1/2008	NIST-2711	Ba	0.0638	0.0040	726	38	2
2/1/2008	NIST-2711	Ba	0.0653	0.0040	726	38	2
2/1/2008	NIST-2711	Ba	0.0632	0.0040	726	38	2
2/1/2008	NIST-2711	Ba	0.0670	0.0040	726	38	2
2/1/2008	NIST-2704	Ba	0.0620	0.0048	414	12	2
2/1/2008	NIST-2704	Ba	0.0729	0.0050	414	12	2
2/1/2008	NIST-2704	Ba	0.0588	0.0048	414	12	2
2/1/2008	NIST-2704	Ba	0.0617	0.0048	414	12	2
2/1/2008	NIST-2704	Ba	0.0678	0.0048	414	12	2
2/1/2008	SDO-1	Ba	0.0927	0.0056	397	38	2
2/1/2008	SDO-1	Ba	0.0814	0.0057	397	38	2
2/1/2008	SDO-1	Ba	0.0888	0.0057	397	38	2
2/1/2008	SDO-1	Ba	0.0751	0.0056	397	38	2
2/1/2008	SDO-1	Ba	0.0955	0.0056	397	38	2
2/1/2008	NIST-2710	Hg	0.0109	0.0008	32.6	1.8	2
2/1/2008	NIST-2710	Hg	0.0084	0.0007	32.6	1.8	2
2/1/2008	NIST-2710	Hg	0.0101	0.0008	32.6	1.8	2
2/1/2008	NIST-2710	Hg	0.0100	0.0008	32.6	1.8	2
2/1/2008	NIST-2710	Hg	0.0112	0.0008	32.6	1.8	2
2/1/2008	MAG-1	Hg	0.0008	0.0003	0.02	0.002	1
2/1/2008	MAG-1	Hg	0.0009	0.0003	0.02	0.002	1
2/1/2008	MAG-1	Hg	0.0008	0.0003	0.02	0.002	1
2/1/2008	MAG-1	Hg	0.0009	0.0003	0.02	0.002	1
2/1/2008	NIST-2709	Hg	0.0011	0.0003	1.4	0.08	2
2/1/2008	NIST-2709	Hg	0.0011	0.0003	1.4	0.08	2
2/1/2008	NIST-2709	Hg	0.0007	0.0003	1.4	0.08	2
2/1/2008	NIST-2709	Hg	0.0009	0.0003	1.4	0.08	2
2/1/2008	NIST-2711	Hg	0.0016	0.0003	6.25	0.19	2
2/1/2008	NIST-2711	Hg	0.0017	0.0003	6.25	0.19	2
2/1/2008	NIST-2711	Hg	0.0016	0.0003	6.25	0.19	2
2/1/2008	NIST-2711	Hg	0.0017	0.0003	6.25	0.19	2
2/1/2008	NIST-2711	Hg	0.0020	0.0003	6.25	0.19	2
2/1/2008	NIST-2711	Hg	0.0016	0.0003	6.25	0.19	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	NIST-2704	Hg	0.0012	0.0003	1.44	0.07	2
2/1/2008	NIST-2704	Hg	0.0012	0.0003	1.44	0.07	2
2/1/2008	NIST-2704	Hg	0.0009	0.0003	1.44	0.07	2
2/1/2008	NIST-2704	Hg	0.0009	0.0003	1.44	0.07	2
2/1/2008	SDO-1	Hg	0.0009	0.0003	0.19	0.08	2
2/1/2008	SDO-1	Hg	0.0008	0.0003	0.19	0.08	2
2/1/2008	SDO-1	Hg	0.0009	0.0003	0.19	0.08	2
2/1/2008	BCSS-1	Pb	0.0050	0.0004	22.7	3.4	2
2/1/2008	BCSS-1	Pb	0.0047	0.0004	22.7	3.4	2
2/1/2008	BCSS-1	Pb	0.0052	0.0004	22.7	3.4	2
2/1/2008	BCSS-1	Pb	0.0037	0.0004	22.7	3.4	2
2/1/2008	BCSS-1	Pb	0.0039	0.0004	22.7	3.4	2
2/1/2008	MESS-1	Pb	0.0056	0.0004	34	6.1	2
2/1/2008	MESS-1	Pb	0.0058	0.0004	34	6.1	2
2/1/2008	MESS-1	Pb	0.0058	0.0004	34	6.1	2
2/1/2008	MESS-1	Pb	0.0067	0.0004	34	6.1	2
2/1/2008	MESS-1	Pb	0.0073	0.0004	34	6.1	2
2/1/2008	MESS-1	Pb	0.0069	0.0004	34	6.1	2
2/1/2008	MESS-1	Pb	0.0065	0.0004	34	6.1	2
2/1/2008	MESS-1	Pb	0.0065	0.0004	34	6.1	2
2/1/2008	NIST-2709	Pb	0.0035	0.0004	18.9	0.5	2
2/1/2008	NIST-2709	Pb	0.0024	0.0004	18.9	0.5	2
2/1/2008	NIST-2709	Pb	0.0032	0.0004	18.9	0.5	2
2/1/2008	NIST-2709	Pb	0.0030	0.0004	18.9	0.5	2
2/1/2008	NIST-2709	Pb	0.0035	0.0004	18.9	0.5	2
2/1/2008	NIST-2704	Pb	0.0317	0.0009	161	17	2
2/1/2008	NIST-2704	Pb	0.0307	0.0009	161	17	2
2/1/2008	NIST-2704	Pb	0.0313	0.0009	161	17	2
2/1/2008	NIST-2704	Pb	0.0304	0.0009	161	17	2
2/1/2008	NIST-2704	Pb	0.0317	0.0009	161	17	2
2/1/2008	SCO-1	Pb	0.0063	0.0004	31	3	2
2/1/2008	SCO-1	Pb	0.0060	0.0004	31	3	2
2/1/2008	SCO-1	Pb	0.0054	0.0004	31	3	2
2/1/2008	SCO-1	Pb	0.0058	0.0004	31	3	2
2/1/2008	SCO-1	Pb	0.0054	0.0004	31	3	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/1/2008	MAG-1	Pb	0.0043	0.0004	24	3	2
2/1/2008	MAG-1	Pb	0.0045	0.0004	24	3	2
2/1/2008	MAG-1	Pb	0.0052	0.0004	24	3	2
2/1/2008	MAG-1	Pb	0.0052	0.0004	24	3	2
2/1/2008	MAG-1	Pb	0.0047	0.0004	24	3	2
2/1/2008	NIST-2711	Pb	0.2412	0.0022	1162	31	2
2/1/2008	NIST-2711	Pb	0.2425	0.0022	1162	31	2
2/1/2008	NIST-2711	Pb	0.2459	0.0022	1162	31	2
2/1/2008	NIST-2711	Pb	0.2396	0.0022	1162	31	2
2/1/2008	NIST-2711	Pb	0.2377	0.0022	1162	31	2
2/1/2008	NIST-2711	Pb	0.2392	0.0022	1162	31	2
2/1/2008	SDO-1	Pb	0.0041	0.0004	27.9	5.2	2
2/1/2008	SDO-1	Pb	0.0054	0.0004	27.9	5.2	2
2/1/2008	SDO-1	Pb	0.0052	0.0004	27.9	5.2	2
2/1/2008	SDO-1	Pb	0.0052	0.0004	27.9	5.2	2
2/1/2008	SDO-1	Pb	0.0050	0.0004	27.9	5.2	2
2/1/2008	NIST-2710	U	0.0095	0.0011	25	2.5	1
2/1/2008	NIST-2710	U	0.0097	0.0011	25	2.5	1
2/1/2008	NIST-2710	U	0.0118	0.0011	25	2.5	1
2/1/2008	NIST-2710	U	0.0108	0.0011	25	2.5	1
2/1/2008	NIST-2710	U	0.0102	0.0011	25	2.5	1
2/1/2008	NIST-2711	U	0.0034	0.0008	2.6	0.26	1
2/1/2008	NIST-2711	U	0.0026	0.0008	2.6	0.26	1
2/1/2008	NIST-2704	U	0.0024	0.0008	3.13	0.13	2
2/1/2008	NIST-2704	U	0.0024	0.0008	3.13	0.13	2
2/1/2008	SDO-1	U	0.0134	0.0011	48.8	6.5	2
2/1/2008	SDO-1	U	0.0145	0.0011	48.8	6.5	2
2/1/2008	SDO-1	U	0.0134	0.0011	48.8	6.5	2
2/1/2008	SDO-1	U	0.0142	0.0011	48.8	6.5	2
2/1/2008	SDO-1	U	0.0137	0.0011	48.8	6.5	2
2/7/2008	MESS-1	S-LEAP	0.0066	0.0016	7200	500	2
2/7/2008	NIST-2710	S-LEAP	0.0063	0.0019	2400	60	2
2/7/2008	SDO-1	S-LEAP	0.0387	0.0026	53500	4400	2
2/7/2008	MESS-1	S-LEAP	0.0093	0.0016	7200	500	2
2/7/2008	NIST-2710	S-LEAP	0.0084	0.0020	2400	60	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	SDO-1	S-LEAP	0.0368	0.0026	53500	4400	2
2/7/2008	BCSS-1	Cl-LEAP	0.0436	0.0025	11200	500	2
2/7/2008	MESS-1	Cl-LEAP	0.0388	0.0024	8200	700	2
2/7/2008	MAG-1	Cl-LEAP	0.0974	0.0035	31000	600	2
2/7/2008	BCSS-1	Cl-LEAP	0.0431	0.0025	11200	500	2
2/7/2008	MESS-1	Cl-LEAP	0.0381	0.0024	8200	700	2
2/7/2008	MAG-1	Cl-LEAP	0.0995	0.0036	31000	600	2
2/7/2008	BCSS-1	K-LEAP	0.2986	0.0048	18014	332	2
2/7/2008	MESS-1	K-LEAP	0.2921	0.0047	18595	332	2
2/7/2008	NIST-2710	K-LEAP	0.3721	0.0061	21100	1100	2
2/7/2008	MAG-1	K-LEAP	0.5151	0.0071	29470	1411	2
2/7/2008	SDO-1	K-LEAP	0.5123	0.0074	27810	506	2
2/7/2008	NIST-2704	K-LEAP	0.3913	0.0060	20000	400	2
2/7/2008	NIST-2704	K-LEAP	0.3803	0.0058	20000	400	2
2/7/2008	NIST-2709	K-LEAP	0.3269	0.0052	20300	600	2
2/7/2008	NIST-2709	K-LEAP	0.3119	0.0051	20300	600	2
2/7/2008	NIST-2711	K-LEAP	0.4010	0.0059	24500	800	2
2/7/2008	NIST-2711	K-LEAP	0.3947	0.0058	24500	800	2
2/7/2008	SCO-1	K-LEAP	0.3669	0.0056	22995	664	2
2/7/2008	SCO-1	K-LEAP	0.3667	0.0056	22995	664	2
2/7/2008	BCSS-1	K-LEAP	0.2856	0.0047	18014	332	2
2/7/2008	MESS-1	K-LEAP	0.2876	0.0047	18595	332	2
2/7/2008	NIST-2710	K-LEAP	0.3818	0.0062	21100	1100	2
2/7/2008	MAG-1	K-LEAP	0.5088	0.0071	29470	1411	2
2/7/2008	SDO-1	K-LEAP	0.5192	0.0075	27810	506	2
2/7/2008	BCSS-1	Ca-LEAP	0.1889	0.0045	5432	529	2
2/7/2008	MESS-1	Ca-LEAP	0.1500	0.0041	4817	457	2
2/7/2008	NIST-2710	Ca-LEAP	0.4621	0.0074	12500	300	2
2/7/2008	MAG-1	Ca-LEAP	0.3509	0.0065	9791	715	2
2/7/2008	SDO-1	Ca-LEAP	0.2672	0.0060	7504	336	2
2/7/2008	NIST-2704	Ca-LEAP	1.0051	0.0115	26000	300	2
2/7/2008	NIST-2704	Ca-LEAP	0.9920	0.0112	26000	300	2
2/7/2008	NIST-2709	Ca-LEAP	0.6773	0.0086	18900	500	2
2/7/2008	NIST-2709	Ca-LEAP	0.6537	0.0083	18900	500	2
2/7/2008	NIST-2711	Ca-LEAP	1.0403	0.0115	28800	800	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	NIST-2711	Ca-LEAP	1.0206	0.0111	28800	800	2
2/7/2008	SCO-1	Ca-LEAP	0.6890	0.0087	18725	1429	2
2/7/2008	SCO-1	Ca-LEAP	0.6904	0.0087	18725	1429	2
2/7/2008	BCSS-1	Ca-LEAP	0.1933	0.0044	5432	529	2
2/7/2008	MESS-1	Ca-LEAP	0.1431	0.0040	4817	457	2
2/7/2008	NIST-2710	Ca-LEAP	0.4476	0.0073	12500	300	2
2/7/2008	MAG-1	Ca-LEAP	0.3309	0.0063	9791	715	2
2/7/2008	SDO-1	Ca-LEAP	0.2853	0.0062	7504	336	2
2/7/2008	BCSS-1	Ti-LEAP	0.3859	0.0087	4400	144	2
2/7/2008	MESS-1	Ti-LEAP	0.4655	0.0092	5425	168	2
2/7/2008	NIST-2710	Ti-LEAP	0.2943	0.0093	2830	100	2
2/7/2008	MAG-1	Ti-LEAP	0.3900	0.0101	4496	420	2
2/7/2008	SDO-1	Ti-LEAP	0.4212	0.0108	4256	186	2
2/7/2008	NIST-2704	Ti-LEAP	0.4635	0.0101	4570	180	2
2/7/2008	NIST-2704	Ti-LEAP	0.4607	0.0099	4570	180	2
2/7/2008	NIST-2709	Ti-LEAP	0.3104	0.0085	3420	240	2
2/7/2008	NIST-2709	Ti-LEAP	0.3021	0.0084	3420	240	2
2/7/2008	NIST-2711	Ti-LEAP	0.2611	0.0078	3060	230	2
2/7/2008	NIST-2711	Ti-LEAP	0.2516	0.0075	3060	230	2
2/7/2008	SCO-1	Ti-LEAP	0.3073	0.0084	3776	360	2
2/7/2008	SCO-1	Ti-LEAP	0.3037	0.0084	3776	360	2
2/7/2008	BCSS-1	Ti-LEAP	0.3957	0.0085	4400	144	2
2/7/2008	MESS-1	Ti-LEAP	0.4609	0.0091	5425	168	2
2/7/2008	NIST-2710	Ti-LEAP	0.2667	0.0092	2830	100	2
2/7/2008	MAG-1	Ti-LEAP	0.3927	0.0100	4496	420	2
2/7/2008	SDO-1	Ti-LEAP	0.4331	0.0109	4256	186	2
2/7/2008	BCSS-1	Ti	0.0189	0.0006	4400	144	2
2/7/2008	MESS-1	Ti	0.0256	0.0007	5425	168	2
2/7/2008	NIST-2704	Ti	0.0247	0.0008	4570	180	2
2/7/2008	NIST-2704	Ti	0.0269	0.0008	4570	180	2
2/7/2008	NIST-2709	Ti	0.0170	0.0006	3420	240	2
2/7/2008	NIST-2709	Ti	0.0163	0.0006	3420	240	2
2/7/2008	BCSS-1	Ti	0.0223	0.0007	4400	144	2
2/7/2008	MESS-1	Ti	0.0246	0.0007	5425	168	2
2/7/2008	MAG-1	Ti	0.0231	0.0008	4496	420	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	SDO-1	Ti	0.0224	0.0008	4256	186	2
2/7/2008	NIST-2711	Ti	0.0139	0.0006	3060	230	2
2/7/2008	NIST-2711	Ti	0.0136	0.0006	3060	230	2
2/7/2008	SCO-1	Ti	0.0162	0.0006	3776	360	2
2/7/2008	SCO-1	Ti	0.0171	0.0006	3776	360	2
2/7/2008	MAG-1	Ti	0.0221	0.0008	4496	420	2
2/7/2008	SDO-1	Ti	0.0237	0.0008	4256	186	2
2/7/2008	BCSS-1	V	0.0019	0.0004	93.4	4.9	2
2/7/2008	MESS-1	V	0.0023	0.0004	72.4	17	2
2/7/2008	NIST-2710	V	0.0016	0.0005	76.6	2.3	2
2/7/2008	MAG-1	V	0.0021	0.0005	140	6	2
2/7/2008	SDO-1	V	0.0026	0.0005	160	21	2
2/7/2008	NIST-2704	V	0.0026	0.0005	95	4	2
2/7/2008	NIST-2704	V	0.0018	0.0004	95	4	2
2/7/2008	NIST-2709	V	0.0020	0.0004	112	5	2
2/7/2008	NIST-2709	V	0.0025	0.0004	112	5	2
2/7/2008	NIST-2711	V	0.0018	0.0004	81.6	2.9	2
2/7/2008	NIST-2711	V	0.0016	0.0004	81.6	2.9	2
2/7/2008	SCO-1	V	0.0021	0.0004	130	13	2
2/7/2008	SCO-1	V	0.0029	0.0004	130	13	2
2/7/2008	BCSS-1	V	0.0023	0.0004	93.4	4.9	2
2/7/2008	MESS-1	V	0.0023	0.0004	72.4	17	2
2/7/2008	MAG-1	V	0.0037	0.0005	140	6	2
2/7/2008	SDO-1	V	0.0026	0.0005	160	21	2
2/7/2008	BCSS-1	Cr-LEAP	0.0397	0.0028	123	14	2
2/7/2008	MESS-1	Cr-LEAP	0.0274	0.0025	71	11	2
2/7/2008	NIST-2704	Cr-LEAP	0.0448	0.0032	135	5	2
2/7/2008	NIST-2704	Cr-LEAP	0.0489	0.0032	135	5	2
2/7/2008	NIST-2709	Cr-LEAP	0.0350	0.0028	130	4	2
2/7/2008	NIST-2709	Cr-LEAP	0.0350	0.0028	130	4	2
2/7/2008	BCSS-1	Cr-LEAP	0.0375	0.0028	123	14	2
2/7/2008	MESS-1	Cr-LEAP	0.0196	0.0025	71	11	2
2/7/2008	MAG-1	Cr-LEAP	0.0309	0.0035	97	8	2
2/7/2008	SDO-1	Cr-LEAP	0.0218	0.0038	66.4	7.6	2
2/7/2008	NIST-2711	Cr-LEAP	0.0199	0.0025	47	4.7	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	NIST-2711	Cr-LEAP	0.0205	0.0025	47	4.7	1
2/7/2008	SCO-1	Cr-LEAP	0.0199	0.0028	68	5	2
2/7/2008	SCO-1	Cr-LEAP	0.0214	0.0028	68	5	2
2/7/2008	MAG-1	Cr-LEAP	0.0271	0.0035	97	8	2
2/7/2008	SDO-1	Cr-LEAP	0.0300	0.0038	66.4	7.6	2
2/7/2008	BCSS-1	Cr	0.0019	0.0004	123	14	2
2/7/2008	MESS-1	Cr	0.0011	0.0004	71	11	2
2/7/2008	MAG-1	Cr	0.0019	0.0005	97	8	2
2/7/2008	NIST-2704	Cr	0.0023	0.0004	135	5	2
2/7/2008	NIST-2704	Cr	0.0027	0.0004	135	5	2
2/7/2008	NIST-2709	Cr	0.0019	0.0004	130	4	2
2/7/2008	NIST-2709	Cr	0.0015	0.0004	130	4	2
2/7/2008	SCO-1	Cr	0.0012	0.0004	68	5	2
2/7/2008	SCO-1	Cr	0.0014	0.0004	68	5	2
2/7/2008	BCSS-1	Cr	0.0024	0.0004	123	14	2
2/7/2008	MESS-1	Cr	0.0018	0.0004	71	11	2
2/7/2008	MAG-1	Cr	0.0019	0.0005	97	8	2
2/7/2008	BCSS-1	Mn-LEAP	0.0447	0.0042	229	15	2
2/7/2008	MESS-1	Mn-LEAP	0.1409	0.0046	513	25	2
2/7/2008	NIST-2704	Mn-LEAP	0.1764	0.0054	555	19	2
2/7/2008	NIST-2704	Mn-LEAP	0.1914	0.0054	555	19	2
2/7/2008	NIST-2709	Mn-LEAP	0.1764	0.0050	538	17	2
2/7/2008	NIST-2709	Mn-LEAP	0.1705	0.0050	538	17	2
2/7/2008	BCSS-1	Mn-LEAP	0.0556	0.0042	229	15	2
2/7/2008	MESS-1	Mn-LEAP	0.1388	0.0046	513	25	2
2/7/2008	MAG-1	Mn-LEAP	0.2466	0.0063	759	70	2
2/7/2008	SDO-1	Mn-LEAP	0.0531	0.0054	325	39	2
2/7/2008	NIST-2711	Mn-LEAP	0.2086	0.0050	638	28	2
2/7/2008	NIST-2711	Mn-LEAP	0.1985	0.0050	638	28	2
2/7/2008	SCO-1	Mn-LEAP	0.1062	0.0046	410	30	2
2/7/2008	SCO-1	Mn-LEAP	0.0986	0.0046	410	30	2
2/7/2008	MAG-1	Mn-LEAP	0.2479	0.0063	759	70	2
2/7/2008	SDO-1	Mn-LEAP	0.0635	0.0059	325	39	2
2/7/2008	BCSS-1	Mn	0.0031	0.0005	229	15	2
2/7/2008	MESS-1	Mn	0.0082	0.0006	513	25	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	NIST-2704	Mn	0.0108	0.0007	555	19	2
2/7/2008	NIST-2704	Mn	0.0111	0.0007	555	19	2
2/7/2008	NIST-2709	Mn	0.0104	0.0006	538	17	2
2/7/2008	NIST-2709	Mn	0.0108	0.0006	538	17	2
2/7/2008	BCSS-1	Mn	0.0048	0.0005	229	15	2
2/7/2008	MESS-1	Mn	0.0103	0.0006	513	25	2
2/7/2008	MAG-1	Mn	0.0156	0.0008	759	70	2
2/7/2008	SDO-1	Mn	0.0054	0.0007	325	39	2
2/7/2008	NIST-2711	Mn	0.0112	0.0006	638	28	2
2/7/2008	NIST-2711	Mn	0.0126	0.0006	638	28	2
2/7/2008	SCO-1	Mn	0.0065	0.0006	410	30	2
2/7/2008	SCO-1	Mn	0.0063	0.0006	410	30	2
2/7/2008	MAG-1	Mn	0.0160	0.0008	759	70	2
2/7/2008	SDO-1	Mn	0.0045	0.0007	325	39	2
2/7/2008	BCSS-1	Fe-LEAP	17.3342	0.1331	32873	979	2
2/7/2008	MESS-1	Fe-LEAP	15.4595	0.1178	30495	1749	2
2/7/2008	NIST-2704	Fe-LEAP	21.6277	0.1732	41100	1000	2
2/7/2008	NIST-2704	Fe-LEAP	21.3208	0.1678	41100	1000	2
2/7/2008	NIST-2709	Fe-LEAP	18.8130	0.1461	35000	1100	2
2/7/2008	NIST-2709	Fe-LEAP	18.4393	0.1428	35000	1100	2
2/7/2008	BCSS-1	Fe-LEAP	16.8123	0.1271	32873	979	2
2/7/2008	MESS-1	Fe-LEAP	15.3954	0.1173	30495	1749	2
2/7/2008	MAG-1	Fe-LEAP	26.1004	0.2113	47561	4197	2
2/7/2008	SDO-1	Fe-LEAP	34.0053	0.2824	65327	1469	2
2/7/2008	NIST-2711	Fe-LEAP	14.4641	0.1140	28900	600	2
2/7/2008	NIST-2711	Fe-LEAP	14.0247	0.1092	28900	600	2
2/7/2008	SCO-1	Fe-LEAP	18.4062	0.1434	35881	1259	2
2/7/2008	SCO-1	Fe-LEAP	18.3383	0.1434	35881	1259	2
2/7/2008	MAG-1	Fe-LEAP	26.0988	0.2129	47561	4197	2
2/7/2008	SDO-1	Fe-LEAP	34.3860	0.2867	65327	1469	2
2/7/2008	BCSS-1	Fe	1.1198	0.0057	32873	979	2
2/7/2008	MESS-1	Fe	1.0224	0.0053	30495	1749	2
2/7/2008	NIST-2704	Fe	1.4461	0.0073	41100	1000	2
2/7/2008	NIST-2704	Fe	1.4356	0.0072	41100	1000	2
2/7/2008	NIST-2709	Fe	1.1773	0.0059	35000	1100	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	NIST-2709	Fe	1.1569	0.0058	35000	1100	2
2/7/2008	BCSS-1	Fe	1.1040	0.0056	32873	979	2
2/7/2008	MESS-1	Fe	1.0167	0.0053	30495	1749	2
2/7/2008	MAG-1	Fe	1.7645	0.0088	47561	4197	2
2/7/2008	SDO-1	Fe	2.3721	0.0113	65327	1469	2
2/7/2008	NIST-2711	Fe	0.9457	0.0051	28900	600	2
2/7/2008	NIST-2711	Fe	0.9280	0.0051	28900	600	2
2/7/2008	SCO-1	Fe	1.1706	0.0060	35881	1259	2
2/7/2008	SCO-1	Fe	1.1632	0.0059	35881	1259	2
2/7/2008	MAG-1	Fe	1.7459	0.0087	47561	4197	2
2/7/2008	SDO-1	Fe	2.3776	0.0113	65327	1469	2
2/7/2008	BCSS-1	Co	0.0164	0.0017	11.4	2.1	2
2/7/2008	MESS-1	Co	0.0146	0.0016	10.8	1.9	2
2/7/2008	MAG-1	Co	0.0237	0.0022	20	1.6	2
2/7/2008	SDO-1	Co	0.0364	0.0026	46.8	6.3	2
2/7/2008	NIST-2704	Co	0.0161	0.0019	14	0.6	2
2/7/2008	NIST-2704	Co	0.0179	0.0019	14	0.6	2
2/7/2008	NIST-2709	Co	0.0153	0.0017	13.4	0.7	2
2/7/2008	NIST-2709	Co	0.0178	0.0017	13.4	0.7	2
2/7/2008	NIST-2711	Co	0.0128	0.0016	10	1	1
2/7/2008	NIST-2711	Co	0.0130	0.0016	10	1	1
2/7/2008	SCO-1	Co	0.0147	0.0017	11	0.8	2
2/7/2008	SCO-1	Co	0.0188	0.0017	11	0.8	2
2/7/2008	BCSS-1	Co	0.0120	0.0017	11.4	2.1	2
2/7/2008	MESS-1	Co	0.0135	0.0016	10.8	1.9	2
2/7/2008	MAG-1	Co	0.0252	0.0022	20	1.6	2
2/7/2008	SDO-1	Co	0.0340	0.0026	46.8	6.3	2
2/7/2008	BCSS-1	Ni	0.0025	0.0006	55.3	3.6	2
2/7/2008	NIST-2709	Ni	0.0024	0.0006	88	5	2
2/7/2008	NIST-2709	Ni	0.0026	0.0006	88	5	2
2/7/2008	BCSS-1	Ni	0.0018	0.0005	55.3	3.6	2
2/7/2008	BCSS-1	Cu	0.0016	0.0004	18.5	2.7	2
2/7/2008	MESS-1	Cu	0.0023	0.0004	25.1	3.8	2
2/7/2008	NIST-2704	Cu	0.0093	0.0005	98.6	5	2
2/7/2008	NIST-2704	Cu	0.0098	0.0005	98.6	5	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	NIST-2709	Cu	0.0026	0.0004	34.6	0.7	2
2/7/2008	NIST-2709	Cu	0.0025	0.0004	34.6	0.7	2
2/7/2008	MESS-1	Cu	0.0025	0.0004	25.1	3.8	2
2/7/2008	MAG-1	Cu	0.0021	0.0004	30	3	2
2/7/2008	SDO-1	Cu	0.0043	0.0005	60.2	9.6	2
2/7/2008	NIST-2711	Cu	0.0109	0.0005	114	2	2
2/7/2008	NIST-2711	Cu	0.0104	0.0005	114	2	2
2/7/2008	SCO-1	Cu	0.0032	0.0004	29	2	2
2/7/2008	SCO-1	Cu	0.0020	0.0004	29	2	2
2/7/2008	MAG-1	Cu	0.0022	0.0005	30	3	2
2/7/2008	SDO-1	Cu	0.0042	0.0005	60.2	9.6	2
2/7/2008	BCSS-1	Zn	0.0151	0.0004	119	12	2
2/7/2008	MESS-1	Zn	0.0237	0.0006	191	17	2
2/7/2008	NIST-2704	Zn	0.0586	0.0010	438	12	2
2/7/2008	NIST-2704	Zn	0.0595	0.0010	438	12	2
2/7/2008	NIST-2709	Zn	0.0130	0.0004	106	3	2
2/7/2008	NIST-2709	Zn	0.0127	0.0004	106	3	2
2/7/2008	BCSS-1	Zn	0.0138	0.0004	119	12	2
2/7/2008	MESS-1	Zn	0.0235	0.0006	191	17	2
2/7/2008	MAG-1	Zn	0.0181	0.0006	130	6	2
2/7/2008	SDO-1	Zn	0.0076	0.0004	64.1	6.9	2
2/7/2008	NIST-2711	Zn	0.0466	0.0009	350.4	4.8	2
2/7/2008	NIST-2711	Zn	0.0453	0.0009	350.4	4.8	2
2/7/2008	SCO-1	Zn	0.0132	0.0004	100	8	2
2/7/2008	SCO-1	Zn	0.0130	0.0004	100	8	2
2/7/2008	MAG-1	Zn	0.0175	0.0006	130	6	2
2/7/2008	SDO-1	Zn	0.0063	0.0004	64.1	6.9	2
2/7/2008	BCSS-1	As	0.0029	0.0005	11.1	1.4	2
2/7/2008	MESS-1	As	0.0027	0.0005	10.6	1.2	2
2/7/2008	NIST-2710	As	0.1381	0.0059	626	38	2
2/7/2008	MAG-1	As	0.0027	0.0005	9.2	0.92	1
2/7/2008	SDO-1	As	0.0177	0.0008	68.5	8.6	2
2/7/2008	NIST-2704	As	0.0040	0.0011	23.4	0.8	2
2/7/2008	NIST-2704	As	0.0043	0.0011	23.4	0.8	2
2/7/2008	NIST-2709	As	0.0056	0.0005	17.7	0.8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	NIST-2709	As	0.0048	0.0005	17.7	0.8	2
2/7/2008	NIST-2711	As	0.0164	0.0024	105	8	2
2/7/2008	NIST-2711	As	0.0139	0.0024	105	8	2
2/7/2008	SCO-1	As	0.0032	0.0005	12	1	2
2/7/2008	SCO-1	As	0.0027	0.0005	12	1	2
2/7/2008	BCSS-1	As	0.0032	0.0005	11.1	1.4	2
2/7/2008	MESS-1	As	0.0032	0.0005	10.6	1.2	2
2/7/2008	NIST-2710	As	0.1383	0.0059	626	38	2
2/7/2008	MAG-1	As	0.0027	0.0005	9.2	0.92	1
2/7/2008	SDO-1	As	0.0182	0.0008	68.5	8.6	2
2/7/2008	NIST-2710	Br	0.0048	0.0013	6	0.6	1
2/7/2008	MAG-1	Br	0.1102	0.0013	250	25	1
2/7/2008	NIST-2704	Br	0.0026	0.0004	7	0.7	1
2/7/2008	NIST-2704	Br	0.0026	0.0004	7	0.7	1
2/7/2008	NIST-2711	Br	0.0039	0.0004	5	0.5	1
2/7/2008	NIST-2711	Br	0.0039	0.0004	5	0.5	1
2/7/2008	NIST-2710	Br	0.0082	0.0013	6	0.6	1
2/7/2008	MAG-1	Br	0.1085	0.0013	250	25	1
2/7/2008	NIST-2710	Rb	0.0854	0.0021	120	12	1
2/7/2008	MAG-1	Rb	0.0953	0.0014	150	6	2
2/7/2008	SDO-1	Rb	0.0770	0.0014	126	3.9	2
2/7/2008	NIST-2704	Rb	0.0678	0.0014	100	10	1
2/7/2008	NIST-2704	Rb	0.0657	0.0014	100	10	1
2/7/2008	NIST-2709	Rb	0.0593	0.0014	96	9.6	1
2/7/2008	NIST-2709	Rb	0.0558	0.0014	96	9.6	1
2/7/2008	NIST-2711	Rb	0.0727	0.0014	110	11	1
2/7/2008	NIST-2711	Rb	0.0741	0.0014	110	11	1
2/7/2008	SCO-1	Rb	0.0713	0.0014	110	4	2
2/7/2008	SCO-1	Rb	0.0713	0.0014	110	4	2
2/7/2008	NIST-2710	Rb	0.0812	0.0021	120	12	1
2/7/2008	MAG-1	Rb	0.0974	0.0014	150	6	2
2/7/2008	SDO-1	Rb	0.0770	0.0014	126	3.9	2
2/7/2008	BCSS-1	Sr	0.0784	0.0008	96	9.6	1
2/7/2008	MESS-1	Sr	0.0690	0.0008	89	8.9	1
2/7/2008	NIST-2710	Sr	0.2515	0.0024	330	33	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	MAG-1	Sr	0.1089	0.0016	150	15	2
2/7/2008	SDO-1	Sr	0.0564	0.0008	75.1	11	2
2/7/2008	NIST-2704	Sr	0.1034	0.0016	130	13	1
2/7/2008	NIST-2704	Sr	0.1003	0.0016	130	13	1
2/7/2008	NIST-2709	Sr	0.1724	0.0016	231	2	2
2/7/2008	NIST-2709	Sr	0.1677	0.0016	231	2	2
2/7/2008	NIST-2711	Sr	0.1865	0.0016	245.3	0.7	2
2/7/2008	NIST-2711	Sr	0.1834	0.0016	245.3	0.7	2
2/7/2008	SCO-1	Sr	0.1277	0.0016	170	16	2
2/7/2008	SCO-1	Sr	0.1246	0.0016	170	16	2
2/7/2008	BCSS-1	Sr	0.0784	0.0008	96	9.6	1
2/7/2008	MESS-1	Sr	0.0697	0.0008	89	8.9	1
2/7/2008	NIST-2710	Sr	0.2539	0.0024	330	33	1
2/7/2008	MAG-1	Sr	0.1042	0.0016	150	15	2
2/7/2008	SDO-1	Sr	0.0556	0.0008	75.1	11	2
2/7/2008	MAG-1	Zr	0.1309	0.0023	130	13	2
2/7/2008	SDO-1	Zr	0.1601	0.0023	165	24	2
2/7/2008	NIST-2704	Zr	0.2969	0.0023	300	30	1
2/7/2008	NIST-2704	Zr	0.2946	0.0023	300	30	1
2/7/2008	NIST-2709	Zr	0.1414	0.0023	160	16	1
2/7/2008	NIST-2709	Zr	0.1426	0.0023	160	16	1
2/7/2008	NIST-2711	Zr	0.2630	0.0023	230	23	1
2/7/2008	NIST-2711	Zr	0.2572	0.0023	230	23	1
2/7/2008	SCO-1	Zr	0.1718	0.0023	160	30	2
2/7/2008	SCO-1	Zr	0.1753	0.0023	160	30	2
2/7/2008	MAG-1	Zr	0.1297	0.0023	130	13	2
2/7/2008	SDO-1	Zr	0.1613	0.0023	165	24	2
2/7/2008	NIST-2710	Mo	0.0199	0.0025	19	1.9	1
2/7/2008	SDO-1	Mo	0.1553	0.0025	134	21	2
2/7/2008	NIST-2710	Mo	0.0149	0.0025	19	1.9	1
2/7/2008	SDO-1	Mo	0.1578	0.0025	134	21	2
2/7/2008	MESS-1	Cd	0.0150	0.0036	0.59	0.10	2
2/7/2008	NIST-2710	Cd	0.0171	0.0042	21.8	0.2	2
2/7/2008	NIST-2704	Cd	0.0150	0.0039	3.45	0.22	2
2/7/2008	NIST-2711	Cd	0.0150	0.0036	41.7	0.25	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	NIST-2711	Cd	0.0156	0.0036	41.7	0.25	2
2/7/2008	NIST-2710	Cd	0.0162	0.0042	21.8	0.2	2
2/7/2008	NIST-2710	Ba	0.0756	0.0050	707	51	2
2/7/2008	MAG-1	Ba	0.0931	0.0052	480	41	2
2/7/2008	SDO-1	Ba	0.0852	0.0056	397	38	2
2/7/2008	NIST-2704	Ba	0.0609	0.0048	414	12	2
2/7/2008	NIST-2704	Ba	0.0668	0.0048	414	12	2
2/7/2008	NIST-2709	Ba	0.0802	0.0044	968	40	2
2/7/2008	NIST-2709	Ba	0.0812	0.0044	968	40	2
2/7/2008	NIST-2711	Ba	0.0670	0.0040	726	38	2
2/7/2008	NIST-2711	Ba	0.0607	0.0038	726	38	2
2/7/2008	SCO-1	Ba	0.0764	0.0044	570	30	2
2/7/2008	SCO-1	Ba	0.0741	0.0044	570	30	2
2/7/2008	NIST-2710	Ba	0.0869	0.0050	707	51	2
2/7/2008	MAG-1	Ba	0.0775	0.0050	480	41	2
2/7/2008	SDO-1	Ba	0.0795	0.0056	397	38	2
2/7/2008	NIST-2710	Hg	0.0110	0.0008	32.6	1.8	2
2/7/2008	MAG-1	Hg	0.0011	0.0003	0.02	0.002	1
2/7/2008	SDO-1	Hg	0.0011	0.0003	0.19	0.08	2
2/7/2008	NIST-2704	Hg	0.0011	0.0003	1.44	0.07	2
2/7/2008	NIST-2704	Hg	0.0009	0.0003	1.44	0.07	2
2/7/2008	NIST-2709	Hg	0.0008	0.0003	1.4	0.08	2
2/7/2008	NIST-2711	Hg	0.0013	0.0003	6.25	0.19	2
2/7/2008	NIST-2711	Hg	0.0016	0.0003	6.25	0.19	2
2/7/2008	NIST-2710	Hg	0.0102	0.0008	32.6	1.8	2
2/7/2008	MAG-1	Hg	0.0008	0.0003	0.02	0.002	1
2/7/2008	SDO-1	Hg	0.0009	0.0003	0.19	0.08	2
2/7/2008	BCSS-1	Pb	0.0043	0.0004	22.7	3.4	2
2/7/2008	MESS-1	Pb	0.0063	0.0004	34	6.1	2
2/7/2008	NIST-2704	Pb	0.0324	0.0009	161	17	2
2/7/2008	NIST-2704	Pb	0.0328	0.0009	161	17	2
2/7/2008	NIST-2709	Pb	0.0024	0.0004	18.9	0.5	2
2/7/2008	NIST-2709	Pb	0.0035	0.0004	18.9	0.5	2
2/7/2008	BCSS-1	Pb	0.0037	0.0004	22.7	3.4	2
2/7/2008	MESS-1	Pb	0.0058	0.0004	34	6.1	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
2/7/2008	MAG-1	Pb	0.0045	0.0004	24	3	2
2/7/2008	SDO-1	Pb	0.0052	0.0004	27.9	5.2	2
2/7/2008	NIST-2711	Pb	0.2396	0.0022	1162	31	2
2/7/2008	NIST-2711	Pb	0.2371	0.0022	1162	31	2
2/7/2008	SCO-1	Pb	0.0056	0.0004	31	3	2
2/7/2008	SCO-1	Pb	0.0063	0.0004	31	3	2
2/7/2008	MAG-1	Pb	0.0054	0.0004	24	3	2
2/7/2008	SDO-1	Pb	0.0054	0.0004	27.9	5.2	2
2/7/2008	MAG-1	Bi	0.0040	0.0006	0.34	0.034	1
2/7/2008	SCO-1	Bi	0.0034	0.0003	0.37	0.037	1
2/7/2008	SCO-1	Bi	0.0028	0.0003	0.37	0.037	1
2/7/2008	MAG-1	Bi	0.0040	0.0006	0.34	0.034	1
2/7/2008	NIST-2710	U	0.0074	0.0011	25	2.5	1
2/7/2008	MAG-1	U	0.0032	0.0008	2.7	0.3	2
2/7/2008	SDO-1	U	0.0142	0.0011	48.8	6.5	2
2/7/2008	NIST-2704	U	0.0026	0.0008	3.13	0.13	2
2/7/2008	NIST-2704	U	0.0029	0.0008	3.13	0.13	2
2/7/2008	NIST-2709	U	0.0034	0.0008	3	0.3	1
2/7/2008	NIST-2711	U	0.0026	0.0008	2.6	0.26	1
2/7/2008	NIST-2710	U	0.0102	0.0011	25	2.5	1
2/7/2008	SDO-1	U	0.0147	0.0011	48.8	6.5	2
3/1/2008	MESS-1	S-LEAP	0.0056	0.0015	7200	500	2
3/1/2008	NIST-2710	S-LEAP	0.0113	0.0020	2400	60	2
3/1/2008	SDO-1	S-LEAP	0.0335	0.0025	53500	4400	2
3/1/2008	BCSS-1	Cl-LEAP	0.0405	0.0025	11200	500	2
3/1/2008	MESS-1	Cl-LEAP	0.0407	0.0024	8200	700	2
3/1/2008	MAG-1	Cl-LEAP	0.0964	0.0035	31000	600	2
3/1/2008	BCSS-1	K-LEAP	0.2865	0.0047	18014	332	2
3/1/2008	MESS-1	K-LEAP	0.2918	0.0047	18595	332	2
3/1/2008	NIST-2710	K-LEAP	0.3812	0.0062	21100	1100	2
3/1/2008	MAG-1	K-LEAP	0.5146	0.0072	29470	1411	2
3/1/2008	NIST-2704	K-LEAP	0.3702	0.0058	20000	400	2
3/1/2008	NIST-2709	K-LEAP	0.3235	0.0052	20300	600	2
3/1/2008	NIST-2711	K-LEAP	0.3992	0.0059	24500	800	2
3/1/2008	SCO-1	K-LEAP	0.3642	0.0055	22995	664	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
3/1/2008	SDO-1	K-LEAP	0.5059	0.0073	27810	506	2
3/1/2008	BCSS-1	Ca-LEAP	0.1950	0.0045	5432	529	2
3/1/2008	MESS-1	Ca-LEAP	0.1424	0.0040	4817	457	2
3/1/2008	NIST-2710	Ca-LEAP	0.4429	0.0073	12500	300	2
3/1/2008	MAG-1	Ca-LEAP	0.3478	0.0065	9791	715	2
3/1/2008	NIST-2704	Ca-LEAP	0.9912	0.0112	26000	300	2
3/1/2008	NIST-2709	Ca-LEAP	0.6672	0.0084	18900	500	2
3/1/2008	NIST-2711	Ca-LEAP	1.0153	0.0112	28800	800	2
3/1/2008	SCO-1	Ca-LEAP	0.6679	0.0084	18725	1429	2
3/1/2008	SDO-1	Ca-LEAP	0.2701	0.0060	7504	336	2
3/1/2008	BCSS-1	Ti-LEAP	0.3869	0.0086	4400	144	2
3/1/2008	MESS-1	Ti-LEAP	0.4295	0.0088	5425	168	2
3/1/2008	NIST-2710	Ti-LEAP	0.2753	0.0092	2830	100	2
3/1/2008	MAG-1	Ti-LEAP	0.3995	0.0100	4496	420	2
3/1/2008	NIST-2704	Ti-LEAP	0.4580	0.0098	4570	180	2
3/1/2008	NIST-2709	Ti-LEAP	0.3024	0.0084	3420	240	2
3/1/2008	NIST-2711	Ti-LEAP	0.2623	0.0078	3060	230	2
3/1/2008	SCO-1	Ti-LEAP	0.3138	0.0083	3776	360	2
3/1/2008	SDO-1	Ti-LEAP	0.3997	0.0107	4256	186	2
3/1/2008	BCSS-1	Ti	0.0202	0.0007	4400	144	2
3/1/2008	MESS-1	Ti	0.0261	0.0007	5425	168	2
3/1/2008	NIST-2704	Ti	0.0246	0.0008	4570	180	2
3/1/2008	NIST-2709	Ti	0.0168	0.0006	3420	240	2
3/1/2008	MAG-1	Ti	0.0224	0.0008	4496	420	2
3/1/2008	NIST-2711	Ti	0.0143	0.0006	3060	230	2
3/1/2008	SCO-1	Ti	0.0168	0.0006	3776	360	2
3/1/2008	SDO-1	Ti	0.0240	0.0008	4256	186	2
3/1/2008	BCSS-1	V	0.0020	0.0004	93.4	4.9	2
3/1/2008	MESS-1	V	0.0021	0.0004	72.4	17	2
3/1/2008	NIST-2710	V	0.0022	0.0005	76.6	2.3	2
3/1/2008	MAG-1	V	0.0031	0.0005	140	6	2
3/1/2008	NIST-2704	V	0.0020	0.0004	95	4	2
3/1/2008	NIST-2709	V	0.0021	0.0004	112	5	2
3/1/2008	NIST-2711	V	0.0017	0.0004	81.6	2.9	2
3/1/2008	SCO-1	V	0.0022	0.0004	130	13	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
3/1/2008	SDO-1	V	0.0026	0.0005	160	21	2
3/1/2008	BCSS-1	Cr-LEAP	0.0410	0.0028	123	14	2
3/1/2008	MESS-1	Cr-LEAP	0.0214	0.0025	71	11	2
3/1/2008	NIST-2704	Cr-LEAP	0.0397	0.0032	135	5	2
3/1/2008	NIST-2709	Cr-LEAP	0.0397	0.0028	130	4	2
3/1/2008	MAG-1	Cr-LEAP	0.0331	0.0035	97	8	2
3/1/2008	NIST-2711	Cr-LEAP	0.0189	0.0025	47	4.7	1
3/1/2008	SCO-1	Cr-LEAP	0.0246	0.0028	68	5	2
3/1/2008	SDO-1	Cr-LEAP	0.0240	0.0038	66.4	7.6	2
3/1/2008	BCSS-1	Cr	0.0022	0.0004	123	14	2
3/1/2008	MESS-1	Cr	0.0012	0.0004	71	11	2
3/1/2008	MAG-1	Cr	0.0016	0.0005	97	8	2
3/1/2008	NIST-2704	Cr	0.0025	0.0004	135	5	2
3/1/2008	NIST-2709	Cr	0.0025	0.0004	130	4	2
3/1/2008	SCO-1	Cr	0.0015	0.0004	68	5	2
3/1/2008	BCSS-1	Mn-LEAP	0.0468	0.0042	229	15	2
3/1/2008	MESS-1	Mn-LEAP	0.1450	0.0046	513	25	2
3/1/2008	NIST-2704	Mn-LEAP	0.1872	0.0054	555	19	2
3/1/2008	NIST-2709	Mn-LEAP	0.1760	0.0050	538	17	2
3/1/2008	MAG-1	Mn-LEAP	0.2516	0.0063	759	70	2
3/1/2008	NIST-2711	Mn-LEAP	0.2144	0.0050	638	28	2
3/1/2008	SCO-1	Mn-LEAP	0.1112	0.0046	410	30	2
3/1/2008	SDO-1	Mn-LEAP	0.0769	0.0059	325	39	2
3/1/2008	BCSS-1	Mn	0.0028	0.0005	229	15	2
3/1/2008	MESS-1	Mn	0.0090	0.0006	513	25	2
3/1/2008	NIST-2704	Mn	0.0114	0.0007	555	19	2
3/1/2008	NIST-2709	Mn	0.0094	0.0006	538	17	2
3/1/2008	MAG-1	Mn	0.0177	0.0008	759	70	2
3/1/2008	NIST-2711	Mn	0.0120	0.0006	638	28	2
3/1/2008	SCO-1	Mn	0.0073	0.0006	410	30	2
3/1/2008	SDO-1	Mn	0.0048	0.0007	325	39	2
3/1/2008	BCSS-1	Fe-LEAP	17.1088	0.1309	32873	979	2
3/1/2008	MESS-1	Fe-LEAP	15.2656	0.1146	30495	1749	2
3/1/2008	NIST-2704	Fe-LEAP	21.4957	0.1694	41100	1000	2
3/1/2008	NIST-2709	Fe-LEAP	18.6642	0.1445	35000	1100	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
3/1/2008	MAG-1	Fe-LEAP	26.2639	0.2134	47561	4197	2
3/1/2008	NIST-2711	Fe-LEAP	14.3370	0.1130	28900	600	2
3/1/2008	SCO-1	Fe-LEAP	18.2009	0.1407	35881	1259	2
3/1/2008	SDO-1	Fe-LEAP	33.8152	0.2808	65327	1469	2
3/1/2008	BCSS-1	Fe	1.0869	0.0056	32873	979	2
3/1/2008	MESS-1	Fe	1.0248	0.0053	30495	1749	2
3/1/2008	NIST-2704	Fe	1.4500	0.0073	41100	1000	2
3/1/2008	NIST-2709	Fe	1.1837	0.0059	35000	1100	2
3/1/2008	MAG-1	Fe	1.7669	0.0087	47561	4197	2
3/1/2008	NIST-2711	Fe	0.9387	0.0051	28900	600	2
3/1/2008	SCO-1	Fe	1.1665	0.0059	35881	1259	2
3/1/2008	SDO-1	Fe	2.3942	0.0114	65327	1469	2
3/1/2008	BCSS-1	Co	0.0150	0.0017	11.4	2.1	2
3/1/2008	MESS-1	Co	0.0128	0.0016	10.8	1.9	2
3/1/2008	MAG-1	Co	0.0231	0.0022	20	1.6	2
3/1/2008	NIST-2704	Co	0.0235	0.0020	14	0.6	2
3/1/2008	NIST-2709	Co	0.0152	0.0017	13.4	0.7	2
3/1/2008	NIST-2711	Co	0.0136	0.0016	10	1	1
3/1/2008	SCO-1	Co	0.0209	0.0018	11	0.8	2
3/1/2008	SDO-1	Co	0.0358	0.0026	46.8	6.3	2
3/1/2008	BCSS-1	Ni	0.0023	0.0005	55.3	3.6	2
3/1/2008	NIST-2709	Ni	0.0025	0.0006	88	5	2
3/1/2008	SDO-1	Ni	0.0033	0.0008	99.5	9.9	2
3/1/2008	MESS-1	Cu	0.0025	0.0004	25.1	3.8	2
3/1/2008	NIST-2704	Cu	0.0107	0.0005	98.6	5	2
3/1/2008	NIST-2709	Cu	0.0037	0.0004	34.6	0.7	2
3/1/2008	MAG-1	Cu	0.0036	0.0005	30	3	2
3/1/2008	NIST-2711	Cu	0.0109	0.0005	114	2	2
3/1/2008	SCO-1	Cu	0.0029	0.0004	29	2	2
3/1/2008	SDO-1	Cu	0.0046	0.0005	60.2	9.6	2
3/1/2008	BCSS-1	Zn	0.0144	0.0004	119	12	2
3/1/2008	MESS-1	Zn	0.0252	0.0006	191	17	2
3/1/2008	NIST-2704	Zn	0.0567	0.0009	438	12	2
3/1/2008	NIST-2709	Zn	0.0126	0.0004	106	3	2
3/1/2008	MAG-1	Zn	0.0168	0.0006	130	6	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
3/1/2008	NIST-2711	Zn	0.0457	0.0009	350.4	4.8	2
3/1/2008	SCO-1	Zn	0.0126	0.0004	100	8	2
3/1/2008	SDO-1	Zn	0.0069	0.0004	64.1	6.9	2
3/1/2008	BCSS-1	As	0.0038	0.0005	11.1	1.4	2
3/1/2008	MESS-1	As	0.0032	0.0005	10.6	1.2	2
3/1/2008	NIST-2710	As	0.1458	0.0062	626	38	2
3/1/2008	MAG-1	As	0.0021	0.0005	9.2	0.92	1
3/1/2008	NIST-2704	As	0.0056	0.0011	23.4	0.8	2
3/1/2008	NIST-2709	As	0.0046	0.0005	17.7	0.8	2
3/1/2008	NIST-2711	As	0.0121	0.0024	105	8	2
3/1/2008	SCO-1	As	0.0038	0.0005	12	1	2
3/1/2008	SDO-1	As	0.0193	0.0008	68.5	8.6	2
3/1/2008	NIST-2710	Br	0.0073	0.0013	6	0.6	1
3/1/2008	MAG-1	Br	0.1076	0.0013	250	25	1
3/1/2008	NIST-2704	Br	0.0026	0.0004	7	0.7	1
3/1/2008	NIST-2711	Br	0.0048	0.0004	5	0.5	1
3/1/2008	NIST-2710	Rb	0.0798	0.0021	120	12	1
3/1/2008	MAG-1	Rb	0.0953	0.0014	150	6	2
3/1/2008	NIST-2704	Rb	0.0671	0.0014	100	10	1
3/1/2008	NIST-2709	Rb	0.0586	0.0014	96	9.6	1
3/1/2008	NIST-2711	Rb	0.0741	0.0014	110	11	1
3/1/2008	SCO-1	Rb	0.0720	0.0014	110	4	2
3/1/2008	SDO-1	Rb	0.0763	0.0014	126	3.9	2
3/1/2008	BCSS-1	Sr	0.0768	0.0008	96	9.6	1
3/1/2008	MESS-1	Sr	0.0682	0.0008	89	8.9	1
3/1/2008	NIST-2710	Sr	0.2609	0.0024	330	33	1
3/1/2008	MAG-1	Sr	0.1058	0.0016	150	15	2
3/1/2008	NIST-2704	Sr	0.1050	0.0016	130	13	1
3/1/2008	NIST-2709	Sr	0.1716	0.0016	231	2	2
3/1/2008	NIST-2711	Sr	0.1834	0.0016	245.3	0.7	2
3/1/2008	SCO-1	Sr	0.1269	0.0016	170	16	2
3/1/2008	SDO-1	Sr	0.0564	0.0008	75.1	11	2
3/1/2008	MAG-1	Zr	0.1321	0.0023	130	13	2
3/1/2008	NIST-2704	Zr	0.3437	0.0023	300	30	1
3/1/2008	NIST-2709	Zr	0.1356	0.0023	160	16	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
3/1/2008	NIST-2711	Zr	0.2688	0.0023	230	23	1
3/1/2008	SCO-1	Zr	0.1765	0.0023	160	30	2
3/1/2008	SDO-1	Zr	0.1625	0.0023	165	24	2
3/1/2008	MESS-1	Mo	0.0075	0.0012	2.2	0.22	1
3/1/2008	NIST-2710	Mo	0.0174	0.0025	19	1.9	1
3/1/2008	NIST-2709	Mo	0.0062	0.0012	2	0.2	1
3/1/2008	SDO-1	Mo	0.1565	0.0025	134	21	2
3/1/2008	BCSS-1	Cd	0.0162	0.0036	0.25	0.04	2
3/1/2008	MAG-1	Cd	0.0117	0.0039	0.2	0.03	2
3/1/2008	NIST-2711	Cd	0.0144	0.0036	41.7	0.25	2
3/1/2008	NIST-2710	Ba	0.0806	0.0050	707	51	2
3/1/2008	MAG-1	Ba	0.0825	0.0052	480	41	2
3/1/2008	NIST-2704	Ba	0.0580	0.0046	414	12	2
3/1/2008	NIST-2709	Ba	0.0810	0.0044	968	40	2
3/1/2008	NIST-2711	Ba	0.0615	0.0040	726	38	2
3/1/2008	SCO-1	Ba	0.0668	0.0042	570	30	2
3/1/2008	SDO-1	Ba	0.0917	0.0056	397	38	2
3/1/2008	NIST-2710	Hg	0.0108	0.0008	32.6	1.8	2
3/1/2008	MAG-1	Hg	0.0012	0.0003	0.02	0.002	1
3/1/2008	NIST-2704	Hg	0.0009	0.0003	1.44	0.07	2
3/1/2008	NIST-2709	Hg	0.0009	0.0003	1.4	0.08	2
3/1/2008	NIST-2711	Hg	0.0013	0.0003	6.25	0.19	2
3/1/2008	SDO-1	Hg	0.0008	0.0003	0.19	0.08	2
3/1/2008	BCSS-1	Pb	0.0037	0.0004	22.7	3.4	2
3/1/2008	MESS-1	Pb	0.0067	0.0004	34	6.1	2
3/1/2008	NIST-2704	Pb	0.0313	0.0009	161	17	2
3/1/2008	NIST-2709	Pb	0.0037	0.0004	18.9	0.5	2
3/1/2008	MAG-1	Pb	0.0050	0.0004	24	3	2
3/1/2008	NIST-2711	Pb	0.2381	0.0022	1162	31	2
3/1/2008	SCO-1	Pb	0.0050	0.0004	31	3	2
3/1/2008	SDO-1	Pb	0.0043	0.0004	27.9	5.2	2
3/1/2008	NIST-2710	U	0.0110	0.0011	25	2.5	1
3/1/2008	NIST-2711	U	0.0026	0.0008	2.6	0.26	1
3/1/2008	SDO-1	U	0.0150	0.0011	48.8	6.5	2
4/9/2008	MESS-1	S-LEAP	0.0068	0.0016	7200	500	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
4/9/2008	NIST-2710	S-LEAP	0.0098	0.0020	2400	60	2
4/9/2008	SDO-1	S-LEAP	0.0464	0.0027	53500	4400	2
4/9/2008	BCSS-1	Cl-LEAP	0.0385	0.0025	11200	500	2
4/9/2008	MESS-1	Cl-LEAP	0.0375	0.0024	8200	700	2
4/9/2008	MAG-1	Cl-LEAP	0.0973	0.0035	31000	600	2
4/9/2008	BCSS-1	K-LEAP	0.2967	0.0048	18014	332	2
4/9/2008	MESS-1	K-LEAP	0.2963	0.0048	18595	332	2
4/9/2008	NIST-2704	K-LEAP	0.3874	0.0060	20000	400	2
4/9/2008	NIST-2709	K-LEAP	0.3220	0.0052	20300	600	2
4/9/2008	NIST-2710	K-LEAP	0.3913	0.0064	21100	1100	2
4/9/2008	NIST-2711	K-LEAP	0.3982	0.0058	24500	800	2
4/9/2008	NIST-2586	K-LEAP	0.1820	0.0043	9760	195.2	1
4/9/2008	MAG-1	K-LEAP	0.5137	0.0072	29470	1411	2
4/9/2008	SCO-1	K-LEAP	0.3682	0.0056	22995	664	2
4/9/2008	SDO-1	K-LEAP	0.5331	0.0077	27810	506	2
4/9/2008	BCSS-1	Ca-LEAP	0.1938	0.0045	5432	529	2
4/9/2008	MESS-1	Ca-LEAP	0.1525	0.0041	4817	457	2
4/9/2008	NIST-2704	Ca-LEAP	0.9999	0.0114	26000	300	2
4/9/2008	NIST-2709	Ca-LEAP	0.6793	0.0086	18900	500	2
4/9/2008	NIST-2710	Ca-LEAP	0.4413	0.0074	12500	300	2
4/9/2008	NIST-2711	Ca-LEAP	1.0230	0.0112	28800	800	2
4/9/2008	NIST-2586	Ca-LEAP	0.7524	0.0096	22180	443.6	1
4/9/2008	MAG-1	Ca-LEAP	0.3400	0.0064	9791	715	2
4/9/2008	SCO-1	Ca-LEAP	0.6947	0.0087	18725	1429	2
4/9/2008	SDO-1	Ca-LEAP	0.2757	0.0062	7504	336	2
4/9/2008	BCSS-1	Ti-LEAP	0.3862	0.0086	4400	144	2
4/9/2008	MESS-1	Ti-LEAP	0.4762	0.0093	5425	168	2
4/9/2008	NIST-2704	Ti-LEAP	0.4403	0.0099	4570	180	2
4/9/2008	NIST-2709	Ti-LEAP	0.3017	0.0085	3420	240	2
4/9/2008	NIST-2710	Ti-LEAP	0.2871	0.0094	2830	100	2
4/9/2008	NIST-2711	Ti-LEAP	0.2608	0.0077	3060	230	2
4/9/2008	NIST-2586	Ti-LEAP	0.6263	0.0120	6050	665.5	1
4/9/2008	MAG-1	Ti-LEAP	0.3925	0.0100	4496	420	2
4/9/2008	SCO-1	Ti-LEAP	0.3037	0.0083	3776	360	2
4/9/2008	SDO-1	Ti-LEAP	0.4261	0.0111	4256	186	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
4/9/2008	BCSS-1	Ti	0.0202	0.0007	4400	144	2
4/9/2008	MESS-1	Ti	0.0262	0.0007	5425	168	2
4/9/2008	NIST-2704	Ti	0.0256	0.0008	4570	180	2
4/9/2008	NIST-2709	Ti	0.0177	0.0006	3420	240	2
4/9/2008	NIST-2711	Ti	0.0162	0.0006	3060	230	2
4/9/2008	NIST-2586	Ti	0.0356	0.0009	6050	665.5	1
4/9/2008	MAG-1	Ti	0.0229	0.0008	4496	420	2
4/9/2008	SCO-1	Ti	0.0162	0.0006	3776	360	2
4/9/2008	SDO-1	Ti	0.0228	0.0008	4256	186	2
4/9/2008	BCSS-1	V	0.0016	0.0004	93.4	4.9	2
4/9/2008	NIST-2704	V	0.0020	0.0004	95	4	2
4/9/2008	NIST-2709	V	0.0029	0.0004	112	5	2
4/9/2008	NIST-2710	V	0.0021	0.0005	76.6	2.3	2
4/9/2008	NIST-2711	V	0.0018	0.0004	81.6	2.9	2
4/9/2008	NIST-2586	V	0.0022	0.0005	160	16	1
4/9/2008	MAG-1	V	0.0029	0.0005	140	6	2
4/9/2008	SCO-1	V	0.0019	0.0004	130	13	2
4/9/2008	SDO-1	V	0.0033	0.0005	160	21	2
4/9/2008	BCSS-1	Cr-LEAP	0.0369	0.0028	123	14	2
4/9/2008	MESS-1	Cr-LEAP	0.0196	0.0025	71	11	2
4/9/2008	NIST-2704	Cr-LEAP	0.0461	0.0032	135	5	2
4/9/2008	NIST-2709	Cr-LEAP	0.0379	0.0032	130	4	2
4/9/2008	NIST-2711	Cr-LEAP	0.0186	0.0025	47	4.7	1
4/9/2008	NIST-2586	Cr-LEAP	0.0930	0.0041	301	45.15	2
4/9/2008	MAG-1	Cr-LEAP	0.0344	0.0035	97	8	2
4/9/2008	SCO-1	Cr-LEAP	0.0249	0.0028	68	5	2
4/9/2008	SDO-1	Cr-LEAP	0.0281	0.0038	66.4	7.6	2
4/9/2008	BCSS-1	Cr	0.0023	0.0004	123	14	2
4/9/2008	MESS-1	Cr	0.0015	0.0004	71	11	2
4/9/2008	NIST-2704	Cr	0.0020	0.0004	135	5	2
4/9/2008	NIST-2709	Cr	0.0017	0.0004	130	4	2
4/9/2008	NIST-2586	Cr	0.0048	0.0005	301	45.15	2
4/9/2008	MAG-1	Cr	0.0018	0.0005	97	8	2
4/9/2008	SCO-1	Cr	0.0012	0.0004	68	5	2
4/9/2008	BCSS-1	Mn-LEAP	0.0531	0.0042	229	15	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
4/9/2008	MESS-1	Mn-LEAP	0.1471	0.0046	513	25	2
4/9/2008	NIST-2704	Mn-LEAP	0.1772	0.0054	555	19	2
4/9/2008	NIST-2709	Mn-LEAP	0.1764	0.0050	538	17	2
4/9/2008	NIST-2711	Mn-LEAP	0.2069	0.0050	638	28	2
4/9/2008	NIST-2586	Mn-LEAP	0.3427	0.0071	1000	20	1
4/9/2008	MAG-1	Mn-LEAP	0.2512	0.0063	759	70	2
4/9/2008	SCO-1	Mn-LEAP	0.1057	0.0046	410	30	2
4/9/2008	SDO-1	Mn-LEAP	0.0627	0.0059	325	39	2
4/9/2008	BCSS-1	Mn	0.0037	0.0005	229	15	2
4/9/2008	MESS-1	Mn	0.0112	0.0006	513	25	2
4/9/2008	NIST-2704	Mn	0.0107	0.0007	555	19	2
4/9/2008	NIST-2709	Mn	0.0095	0.0006	538	17	2
4/9/2008	NIST-2711	Mn	0.0123	0.0006	638	28	2
4/9/2008	NIST-2586	Mn	0.0201	0.0008	1000	20	1
4/9/2008	MAG-1	Mn	0.0138	0.0007	759	70	2
4/9/2008	SCO-1	Mn	0.0063	0.0006	410	30	2
4/9/2008	SDO-1	Mn	0.0054	0.0007	325	39	2
4/9/2008	BCSS-1	Fe-LEAP	17.1854	0.1309	32873	979	2
4/9/2008	MESS-1	Fe-LEAP	15.5437	0.1189	30495	1749	2
4/9/2008	NIST-2704	Fe-LEAP	21.3361	0.1700	41100	1000	2
4/9/2008	NIST-2709	Fe-LEAP	18.8618	0.1466	35000	1100	2
4/9/2008	NIST-2711	Fe-LEAP	14.3060	0.1113	28900	600	2
4/9/2008	NIST-2586	Fe-LEAP	27.4358	0.2232	51610	1032.2	1
4/9/2008	MAG-1	Fe-LEAP	26.0064	0.2113	47561	4197	2
4/9/2008	SCO-1	Fe-LEAP	18.4133	0.1439	35881	1259	2
4/9/2008	SDO-1	Fe-LEAP	35.0529	0.2965	65327	1469	2
4/9/2008	BCSS-1	Fe	1.1187	0.0057	32873	979	2
4/9/2008	MESS-1	Fe	1.0198	0.0053	30495	1749	2
4/9/2008	NIST-2704	Fe	1.4497	0.0073	41100	1000	2
4/9/2008	NIST-2709	Fe	1.1856	0.0060	35000	1100	2
4/9/2008	NIST-2711	Fe	0.9385	0.0051	28900	600	2
4/9/2008	NIST-2586	Fe	1.8977	0.0093	51610	1032.2	1
4/9/2008	MAG-1	Fe	1.7644	0.0088	47561	4197	2
4/9/2008	SCO-1	Fe	1.1845	0.0060	35881	1259	2
4/9/2008	SDO-1	Fe	2.3945	0.0114	65327	1469	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
4/9/2008	BCSS-1	Co	0.0143	0.0017	11.4	2.1	2
4/9/2008	MESS-1	Co	0.0140	0.0016	10.8	1.9	2
4/9/2008	NIST-2704	Co	0.0170	0.0020	14	0.6	2
4/9/2008	NIST-2709	Co	0.0165	0.0017	13.4	0.7	2
4/9/2008	NIST-2711	Co	0.0140	0.0016	10	1	1
4/9/2008	NIST-2586	Co	0.0233	0.0023	35	3.5	1
4/9/2008	MAG-1	Co	0.0237	0.0022	20	1.6	2
4/9/2008	SCO-1	Co	0.0188	0.0018	11	0.8	2
4/9/2008	SDO-1	Co	0.0317	0.0026	46.8	6.3	2
4/9/2008	BCSS-1	Ni	0.0026	0.0006	55.3	3.6	2
4/9/2008	NIST-2704	Ni	0.0029	0.0006	44.1	3	2
4/9/2008	NIST-2709	Ni	0.0046	0.0006	88	5	2
4/9/2008	NIST-2586	Ni	0.0042	0.0007	75	7.5	1
4/9/2008	SDO-1	Ni	0.0025	0.0008	99.5	9.9	2
4/9/2008	BCSS-1	Cu	0.0013	0.0004	18.5	2.7	2
4/9/2008	MESS-1	Cu	0.0021	0.0004	25.1	3.8	2
4/9/2008	NIST-2704	Cu	0.0096	0.0005	98.6	5	2
4/9/2008	NIST-2709	Cu	0.0036	0.0004	34.6	0.7	2
4/9/2008	NIST-2711	Cu	0.0117	0.0005	114	2	2
4/9/2008	NIST-2586	Cu	0.0063	0.0005	81	8.1	1
4/9/2008	MAG-1	Cu	0.0023	0.0005	30	3	2
4/9/2008	SCO-1	Cu	0.0029	0.0004	29	2	2
4/9/2008	SDO-1	Cu	0.0043	0.0005	60.2	9.6	2
4/9/2008	BCSS-1	Zn	0.0142	0.0004	119	12	2
4/9/2008	MESS-1	Zn	0.0229	0.0006	191	17	2
4/9/2008	NIST-2704	Zn	0.0592	0.0010	438	12	2
4/9/2008	NIST-2709	Zn	0.0126	0.0004	106	3	2
4/9/2008	NIST-2711	Zn	0.0459	0.0009	350.4	4.8	2
4/9/2008	NIST-2586	Zn	0.0463	0.0009	352	17.6	1
4/9/2008	MAG-1	Zn	0.0174	0.0006	130	6	2
4/9/2008	SCO-1	Zn	0.0129	0.0004	100	8	2
4/9/2008	SDO-1	Zn	0.0061	0.0004	64.1	6.9	2
4/9/2008	BCSS-1	As	0.0027	0.0005	11.1	1.4	2
4/9/2008	MESS-1	As	0.0021	0.0005	10.6	1.2	2
4/9/2008	NIST-2704	As	0.0048	0.0011	23.4	0.8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
4/9/2008	NIST-2709	As	0.0046	0.0005	17.7	0.8	2
4/9/2008	NIST-2710	As	0.1437	0.0062	626	38	2
4/9/2008	NIST-2711	As	0.0153	0.0024	105	8	2
4/9/2008	MAG-1	As	0.0024	0.0005	9.2	0.92	1
4/9/2008	SCO-1	As	0.0024	0.0005	12	1	2
4/9/2008	SDO-1	As	0.0198	0.0008	68.5	8.6	2
4/9/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
4/9/2008	NIST-2710	Br	0.0078	0.0013	6	0.6	1
4/9/2008	NIST-2711	Br	0.0035	0.0004	5	0.5	1
4/9/2008	MAG-1	Br	0.1089	0.0013	250	25	1
4/9/2008	NIST-2704	Rb	0.0685	0.0014	100	10	1
4/9/2008	NIST-2709	Rb	0.0600	0.0014	96	9.6	1
4/9/2008	NIST-2710	Rb	0.0812	0.0021	120	12	1
4/9/2008	NIST-2711	Rb	0.0727	0.0014	110	11	1
4/9/2008	MAG-1	Rb	0.0960	0.0014	150	6	2
4/9/2008	SCO-1	Rb	0.0727	0.0014	110	4	2
4/9/2008	SDO-1	Rb	0.0791	0.0014	126	3.9	2
4/9/2008	BCSS-1	Sr	0.0791	0.0016	96	9.6	1
4/9/2008	MESS-1	Sr	0.0682	0.0008	89	8.9	1
4/9/2008	NIST-2704	Sr	0.1011	0.0016	130	13	1
4/9/2008	NIST-2709	Sr	0.1693	0.0016	231	2	2
4/9/2008	NIST-2710	Sr	0.2594	0.0024	330	33	1
4/9/2008	NIST-2711	Sr	0.1849	0.0016	245.3	0.7	2
4/9/2008	NIST-2586	Sr	0.0619	0.0008	84.1	8.41	1
4/9/2008	MAG-1	Sr	0.1081	0.0016	150	15	2
4/9/2008	SCO-1	Sr	0.1277	0.0016	170	16	2
4/9/2008	SDO-1	Sr	0.0564	0.0008	75.1	11	2
4/9/2008	NIST-2704	Zr	0.2992	0.0023	300	30	1
4/9/2008	NIST-2709	Zr	0.1531	0.0023	160	16	1
4/9/2008	NIST-2711	Zr	0.2700	0.0023	230	23	1
4/9/2008	MAG-1	Zr	0.1286	0.0023	130	13	2
4/9/2008	SCO-1	Zr	0.1765	0.0023	160	30	2
4/9/2008	SDO-1	Zr	0.1613	0.0023	165	24	2
4/9/2008	NIST-2704	Cd	0.0117	0.0039	3.45	0.22	2
4/9/2008	NIST-2710	Cd	0.0183	0.0042	21.8	0.2	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
4/9/2008	NIST-2711	Cd	0.0258	0.0036	41.7	0.25	2
4/9/2008	NIST-2586	Cd	0.0144	0.0039	2.71	0.542	2
4/9/2008	NIST-2704	Ba	0.0647	0.0048	414	12	2
4/9/2008	NIST-2709	Ba	0.0856	0.0044	968	40	2
4/9/2008	NIST-2710	Ba	0.0766	0.0050	707	51	2
4/9/2008	NIST-2711	Ba	0.0641	0.0040	726	38	2
4/9/2008	NIST-2586	Ba	0.0806	0.0056	413	16.52	1
4/9/2008	MAG-1	Ba	0.0829	0.0052	480	41	2
4/9/2008	SCO-1	Ba	0.0693	0.0042	570	30	2
4/9/2008	SDO-1	Ba	0.0904	0.0057	397	38	2
4/9/2008	NIST-2704	Hg	0.0011	0.0003	1.44	0.07	2
4/9/2008	NIST-2710	Hg	0.0100	0.0008	32.6	1.8	2
4/9/2008	NIST-2711	Hg	0.0017	0.0003	6.25	0.19	2
4/9/2008	MAG-1	Hg	0.0011	0.0003	0.02	0.002	1
4/9/2008	BCSS-1	Pb	0.0047	0.0004	22.7	3.4	2
4/9/2008	MESS-1	Pb	0.0071	0.0004	34	6.1	2
4/9/2008	NIST-2704	Pb	0.0326	0.0009	161	17	2
4/9/2008	NIST-2709	Pb	0.0032	0.0004	18.9	0.5	2
4/9/2008	NIST-2711	Pb	0.2379	0.0022	1162	31	2
4/9/2008	NIST-2586	Pb	0.0894	0.0013	432	17.28	2
4/9/2008	MAG-1	Pb	0.0050	0.0004	24	3	2
4/9/2008	SCO-1	Pb	0.0063	0.0004	31	3	2
4/9/2008	SDO-1	Pb	0.0047	0.0004	27.9	5.2	2
6/10/2008	BCSS-1	S-LEAP	0.0058	0.0016	3600	500	2
6/10/2008	MESS-1	S-LEAP	0.0094	0.0017	7200	500	2
6/10/2008	NIST-2710	S-LEAP	0.0085	0.0020	2400	60	2
6/10/2008	SDO-1	S-LEAP	0.0414	0.0027	53500	4400	2
6/10/2008	BCSS-1	Cl-LEAP	0.0426	0.0026	11200	500	2
6/10/2008	MESS-1	Cl-LEAP	0.0434	0.0025	8200	700	2
6/10/2008	MAG-1	Cl-LEAP	0.0883	0.0035	31000	600	2
6/10/2008	BCSS-1	K-LEAP	0.2980	0.0049	18014	332	2
6/10/2008	MESS-1	K-LEAP	0.2960	0.0048	18595	332	2
6/10/2008	NIST-2704	K-LEAP	0.3844	0.0061	20000	400	2
6/10/2008	NIST-2709	K-LEAP	0.3030	0.0050	20300	600	2
6/10/2008	NIST-2709	K-LEAP	0.3334	0.0053	20300	600	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/10/2008	NIST-2709	K-LEAP	0.3300	0.0052	20300	600	2
6/10/2008	NIST-2710	K-LEAP	0.3893	0.0064	21100	1100	2
6/10/2008	NIST-2586	K-LEAP	0.1806	0.0044	9760	195.2	1
6/10/2008	MAG-1	K-LEAP	0.5256	0.0074	29470	1411	2
6/10/2008	SDO-1	K-LEAP	0.5165	0.0075	27810	506	2
6/10/2008	BCSS-1	Ca-LEAP	0.1851	0.0045	5432	529	2
6/10/2008	MESS-1	Ca-LEAP	0.1521	0.0042	4817	457	2
6/10/2008	NIST-2704	Ca-LEAP	1.0319	0.0119	26000	300	2
6/10/2008	NIST-2709	Ca-LEAP	0.6499	0.0083	18900	500	2
6/10/2008	NIST-2709	Ca-LEAP	0.6895	0.0086	18900	500	2
6/10/2008	NIST-2709	Ca-LEAP	0.6619	0.0084	18900	500	2
6/10/2008	NIST-2710	Ca-LEAP	0.4476	0.0076	12500	300	2
6/10/2008	NIST-2586	Ca-LEAP	0.7735	0.0099	22180	443.6	1
6/10/2008	MAG-1	Ca-LEAP	0.3379	0.0065	9791	715	2
6/10/2008	SDO-1	Ca-LEAP	0.2747	0.0062	7504	336	2
6/10/2008	BCSS-1	Ti-LEAP	0.3900	0.0089	4400	144	2
6/10/2008	MESS-1	Ti-LEAP	0.4618	0.0093	5425	168	2
6/10/2008	NIST-2704	Ti-LEAP	0.4398	0.0102	4570	180	2
6/10/2008	NIST-2709	Ti-LEAP	0.2895	0.0083	3420	240	2
6/10/2008	NIST-2709	Ti-LEAP	0.3088	0.0085	3420	240	2
6/10/2008	NIST-2709	Ti-LEAP	0.3100	0.0085	3420	240	2
6/10/2008	NIST-2710	Ti-LEAP	0.2771	0.0094	2830	100	2
6/10/2008	NIST-2586	Ti-LEAP	0.6106	0.0123	6050	665.5	1
6/10/2008	MAG-1	Ti-LEAP	0.3966	0.0104	4496	420	2
6/10/2008	SDO-1	Ti-LEAP	0.4089	0.0109	4256	186	2
6/10/2008	BCSS-1	Ti	0.0206	0.0007	4400	144	2
6/10/2008	MESS-1	Ti	0.0245	0.0007	5425	168	2
6/10/2008	NIST-2704	Ti	0.0247	0.0008	4570	180	2
6/10/2008	NIST-2709	Ti	0.0164	0.0006	3420	240	2
6/10/2008	NIST-2709	Ti	0.0177	0.0006	3420	240	2
6/10/2008	NIST-2709	Ti	0.0183	0.0006	3420	240	2
6/10/2008	NIST-2586	Ti	0.0358	0.0009	6050	665.5	1
6/10/2008	MAG-1	Ti	0.0221	0.0008	4496	420	2
6/10/2008	SDO-1	Ti	0.0230	0.0008	4256	186	2
6/10/2008	BCSS-1	V	0.0015	0.0004	93.4	4.9	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/10/2008	MESS-1	V	0.0016	0.0004	72.4	17	2
6/10/2008	NIST-2704	V	0.0021	0.0005	95	4	2
6/10/2008	NIST-2709	V	0.0029	0.0004	112	5	2
6/10/2008	NIST-2709	V	0.0026	0.0004	112	5	2
6/10/2008	NIST-2709	V	0.0024	0.0004	112	5	2
6/10/2008	NIST-2710	V	0.0025	0.0005	76.6	2.3	2
6/10/2008	MAG-1	V	0.0029	0.0005	140	6	2
6/10/2008	SDO-1	V	0.0023	0.0005	160	21	2
6/10/2008	BCSS-1	Cr-LEAP	0.0457	0.0028	123	14	2
6/10/2008	MESS-1	Cr-LEAP	0.0192	0.0025	71	11	2
6/10/2008	NIST-2704	Cr-LEAP	0.0413	0.0032	135	5	2
6/10/2008	NIST-2709	Cr-LEAP	0.0350	0.0028	130	4	2
6/10/2008	NIST-2709	Cr-LEAP	0.0448	0.0032	130	4	2
6/10/2008	NIST-2709	Cr-LEAP	0.0375	0.0028	130	4	2
6/10/2008	NIST-2586	Cr-LEAP	0.0839	0.0041	301	45.15	2
6/10/2008	MAG-1	Cr-LEAP	0.0325	0.0035	97	8	2
6/10/2008	SDO-1	Cr-LEAP	0.0240	0.0038	66.4	7.6	2
6/10/2008	BCSS-1	Cr	0.0033	0.0004	123	14	2
6/10/2008	MESS-1	Cr	0.0014	0.0004	71	11	2
6/10/2008	NIST-2704	Cr	0.0027	0.0005	135	5	2
6/10/2008	NIST-2709	Cr	0.0024	0.0004	130	4	2
6/10/2008	NIST-2709	Cr	0.0020	0.0004	130	4	2
6/10/2008	NIST-2709	Cr	0.0021	0.0004	130	4	2
6/10/2008	NIST-2710	Cr	0.0019	0.0006	39	3.9	1
6/10/2008	NIST-2586	Cr	0.0053	0.0005	301	45.15	2
6/10/2008	MAG-1	Cr	0.0018	0.0005	97	8	2
6/10/2008	SDO-1	Cr	0.0020	0.0005	66.4	7.6	2
6/10/2008	BCSS-1	Mn-LEAP	0.0711	0.0042	229	15	2
6/10/2008	MESS-1	Mn-LEAP	0.1551	0.0046	513	25	2
6/10/2008	NIST-2704	Mn-LEAP	0.2136	0.0059	555	19	2
6/10/2008	NIST-2709	Mn-LEAP	0.1781	0.0050	538	17	2
6/10/2008	NIST-2709	Mn-LEAP	0.1935	0.0054	538	17	2
6/10/2008	NIST-2709	Mn-LEAP	0.1835	0.0050	538	17	2
6/10/2008	NIST-2586	Mn-LEAP	0.3678	0.0075	1000	20	1
6/10/2008	MAG-1	Mn-LEAP	0.2792	0.0067	759	70	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/10/2008	SDO-1	Mn-LEAP	0.0899	0.0059	325	39	2
6/10/2008	BCSS-1	Mn	0.0059	0.0006	229	15	2
6/10/2008	MESS-1	Mn	0.0095	0.0006	513	25	2
6/10/2008	NIST-2704	Mn	0.0135	0.0007	555	19	2
6/10/2008	NIST-2709	Mn	0.0101	0.0006	538	17	2
6/10/2008	NIST-2709	Mn	0.0118	0.0006	538	17	2
6/10/2008	NIST-2709	Mn	0.0107	0.0006	538	17	2
6/10/2008	NIST-2586	Mn	0.0217	0.0009	1000	20	1
6/10/2008	MAG-1	Mn	0.0166	0.0008	759	70	2
6/10/2008	SDO-1	Mn	0.0070	0.0008	325	39	2
6/10/2008	BCSS-1	Fe-LEAP	17.3423	0.1347	32873	979	2
6/10/2008	MESS-1	Fe-LEAP	15.6572	0.1211	30495	1749	2
6/10/2008	NIST-2704	Fe-LEAP	21.9649	0.1792	41100	1000	2
6/10/2008	NIST-2709	Fe-LEAP	18.2797	0.1417	35000	1100	2
6/10/2008	NIST-2709	Fe-LEAP	18.9607	0.1466	35000	1100	2
6/10/2008	NIST-2709	Fe-LEAP	18.6430	0.1450	35000	1100	2
6/10/2008	NIST-2586	Fe-LEAP	27.5004	0.2270	51610	1032.2	1
6/10/2008	MAG-1	Fe-LEAP	26.3779	0.2189	47561	4197	2
6/10/2008	SDO-1	Fe-LEAP	34.3974	0.2905	65327	1469	2
6/10/2008	BCSS-1	Fe	1.0977	0.0056	32873	979	2
6/10/2008	MESS-1	Fe	1.0027	0.0053	30495	1749	2
6/10/2008	NIST-2704	Fe	1.4499	0.0074	41100	1000	2
6/10/2008	NIST-2709	Fe	1.1400	0.0058	35000	1100	2
6/10/2008	NIST-2709	Fe	1.1867	0.0059	35000	1100	2
6/10/2008	NIST-2709	Fe	1.1906	0.0060	35000	1100	2
6/10/2008	NIST-2586	Fe	1.8602	0.0092	51610	1032.2	1
6/10/2008	MAG-1	Fe	1.7334	0.0087	47561	4197	2
6/10/2008	SDO-1	Fe	2.3622	0.0114	65327	1469	2
6/10/2008	BCSS-1	Co	0.0148	0.0017	11.4	2.1	2
6/10/2008	MESS-1	Co	0.0134	0.0016	10.8	1.9	2
6/10/2008	NIST-2704	Co	0.0192	0.0020	14	0.6	2
6/10/2008	NIST-2709	Co	0.0140	0.0017	13.4	0.7	2
6/10/2008	NIST-2709	Co	0.0157	0.0017	13.4	0.7	2
6/10/2008	NIST-2709	Co	0.0180	0.0018	13.4	0.7	2
6/10/2008	NIST-2586	Co	0.0291	0.0023	35	3.5	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/10/2008	MAG-1	Co	0.0235	0.0022	20	1.6	2
6/10/2008	SDO-1	Co	0.0326	0.0026	46.8	6.3	2
6/10/2008	BCSS-1	Ni	0.0026	0.0006	55.3	3.6	2
6/10/2008	NIST-2704	Ni	0.0025	0.0006	44.1	3	2
6/10/2008	NIST-2709	Ni	0.0050	0.0006	88	5	2
6/10/2008	NIST-2709	Ni	0.0038	0.0006	88	5	2
6/10/2008	NIST-2709	Ni	0.0044	0.0006	88	5	2
6/10/2008	NIST-2586	Ni	0.0037	0.0007	75	7.5	1
6/10/2008	MAG-1	Ni	0.0032	0.0007	53	8	2
6/10/2008	SDO-1	Ni	0.0048	0.0008	99.5	9.9	2
6/10/2008	BCSS-1	Cu	0.0022	0.0004	18.5	2.7	2
6/10/2008	MESS-1	Cu	0.0022	0.0004	25.1	3.8	2
6/10/2008	NIST-2704	Cu	0.0096	0.0005	98.6	5	2
6/10/2008	NIST-2709	Cu	0.0022	0.0004	34.6	0.7	2
6/10/2008	NIST-2709	Cu	0.0032	0.0004	34.6	0.7	2
6/10/2008	NIST-2709	Cu	0.0029	0.0004	34.6	0.7	2
6/10/2008	NIST-2586	Cu	0.0059	0.0005	81	8.1	1
6/10/2008	MAG-1	Cu	0.0019	0.0005	30	3	2
6/10/2008	SDO-1	Cu	0.0035	0.0005	60.2	9.6	2
6/10/2008	BCSS-1	Zn	0.0136	0.0004	119	12	2
6/10/2008	MESS-1	Zn	0.0237	0.0006	191	17	2
6/10/2008	NIST-2704	Zn	0.0573	0.0010	438	12	2
6/10/2008	NIST-2709	Zn	0.0126	0.0004	106	3	2
6/10/2008	NIST-2709	Zn	0.0130	0.0004	106	3	2
6/10/2008	NIST-2709	Zn	0.0129	0.0004	106	3	2
6/10/2008	NIST-2586	Zn	0.0435	0.0009	352	17.6	1
6/10/2008	MAG-1	Zn	0.0174	0.0006	130	6	2
6/10/2008	SDO-1	Zn	0.0069	0.0004	64.1	6.9	2
6/10/2008	BCSS-1	As	0.0024	0.0005	11.1	1.4	2
6/10/2008	MESS-1	As	0.0019	0.0005	10.6	1.2	2
6/10/2008	NIST-2704	As	0.0040	0.0011	23.4	0.8	2
6/10/2008	NIST-2709	As	0.0038	0.0005	17.7	0.8	2
6/10/2008	NIST-2709	As	0.0048	0.0005	17.7	0.8	2
6/10/2008	NIST-2709	As	0.0056	0.0005	17.7	0.8	2
6/10/2008	SDO-1	As	0.0196	0.0008	68.5	8.6	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/10/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
6/10/2008	NIST-2710	Br	0.0052	0.0013	6	0.6	1
6/10/2008	MAG-1	Br	0.1068	0.0013	250	25	1
6/10/2008	NIST-2704	Rb	0.0657	0.0014	100	10	1
6/10/2008	NIST-2709	Rb	0.0572	0.0014	96	9.6	1
6/10/2008	NIST-2709	Rb	0.0572	0.0014	96	9.6	1
6/10/2008	NIST-2709	Rb	0.0579	0.0014	96	9.6	1
6/10/2008	NIST-2710	Rb	0.0805	0.0021	120	12	1
6/10/2008	MAG-1	Rb	0.0946	0.0021	150	6	2
6/10/2008	SDO-1	Rb	0.0777	0.0014	126	3.9	2
6/10/2008	BCSS-1	Sr	0.0737	0.0008	96	9.6	1
6/10/2008	MESS-1	Sr	0.0705	0.0008	89	8.9	1
6/10/2008	NIST-2704	Sr	0.1027	0.0016	130	13	1
6/10/2008	NIST-2709	Sr	0.1677	0.0016	231	2	2
6/10/2008	NIST-2709	Sr	0.1724	0.0016	231	2	2
6/10/2008	NIST-2709	Sr	0.1724	0.0016	231	2	2
6/10/2008	NIST-2710	Sr	0.2523	0.0024	330	33	1
6/10/2008	NIST-2586	Sr	0.0611	0.0008	84.1	8.41	1
6/10/2008	MAG-1	Sr	0.1058	0.0016	150	15	2
6/10/2008	SDO-1	Sr	0.0572	0.0008	75.1	11	2
6/10/2008	NIST-2704	Zr	0.3402	0.0023	300	30	1
6/10/2008	NIST-2709	Zr	0.1496	0.0023	160	16	1
6/10/2008	NIST-2709	Zr	0.1496	0.0023	160	16	1
6/10/2008	NIST-2709	Zr	0.1543	0.0023	160	16	1
6/10/2008	MAG-1	Zr	0.1274	0.0023	130	13	2
6/10/2008	SDO-1	Zr	0.1613	0.0023	165	24	2
6/10/2008	NIST-2704	I-LEAP	0.0196	0.0061	2	0.2	1
6/10/2008	NIST-2709	I-LEAP	0.0167	0.0049	5	0.5	1
6/10/2008	NIST-2709	I-LEAP	0.0170	0.0050	5	0.5	1
6/10/2008	MAG-1	I-LEAP	0.0229	0.0053	380	38	1
6/10/2008	NIST-2704	Ba	0.0728	0.0050	414	12	2
6/10/2008	NIST-2709	Ba	0.0846	0.0044	968	40	2
6/10/2008	NIST-2709	Ba	0.0804	0.0044	968	40	2
6/10/2008	NIST-2709	Ba	0.0819	0.0044	968	40	2
6/10/2008	NIST-2710	Ba	0.0774	0.0050	707	51	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/10/2008	NIST-2586	Ba	0.0957	0.0057	413	16.52	1
6/10/2008	MAG-1	Ba	0.0909	0.0054	480	41	2
6/10/2008	SDO-1	Ba	0.0873	0.0056	397	38	2
6/10/2008	NIST-2709	Hg	0.0009	0.0003	1.4	0.08	2
6/10/2008	NIST-2709	Hg	0.0009	0.0003	1.4	0.08	2
6/10/2008	NIST-2709	Hg	0.0013	0.0003	1.4	0.08	2
6/10/2008	NIST-2710	Hg	0.0112	0.0008	32.6	1.8	2
6/10/2008	MAG-1	Hg	0.0009	0.0003	0.02	0.002	1
6/10/2008	SDO-1	Hg	0.0013	0.0003	0.19	0.08	2
6/10/2008	BCSS-1	Pb	0.0045	0.0004	22.7	3.4	2
6/10/2008	MESS-1	Pb	0.0065	0.0004	34	6.1	2
6/10/2008	NIST-2704	Pb	0.0309	0.0009	161	17	2
6/10/2008	NIST-2709	Pb	0.0035	0.0004	18.9	0.5	2
6/10/2008	NIST-2709	Pb	0.0030	0.0004	18.9	0.5	2
6/10/2008	NIST-2709	Pb	0.0024	0.0004	18.9	0.5	2
6/10/2008	NIST-2586	Pb	0.0855	0.0013	432	17.28	2
6/10/2008	MAG-1	Pb	0.0050	0.0004	24	3	2
6/10/2008	SDO-1	Pb	0.0047	0.0004	27.9	5.2	2
6/10/2008	NIST-2704	U	0.0034	0.0008	3.13	0.13	2
6/10/2008	NIST-2709	U	0.0029	0.0008	3	0.3	1
6/10/2008	NIST-2709	U	0.0029	0.0008	3	0.3	1
6/10/2008	NIST-2709	U	0.0032	0.0008	3	0.3	1
6/10/2008	NIST-2710	U	0.0126	0.0011	25	2.5	1
6/10/2008	MAG-1	U	0.0032	0.0008	2.7	0.3	2
6/10/2008	SDO-1	U	0.0152	0.0011	48.8	6.5	2
6/11/2008	BCSS-1	S-LEAP	0.0054	0.0016	3600	500	2
6/11/2008	MESS-1	S-LEAP	0.0092	0.0016	7200	500	2
6/11/2008	NIST-2710	S-LEAP	0.0094	0.0021	2400	60	2
6/11/2008	BCSS-1	Cl-LEAP	0.0460	0.0026	11200	500	2
6/11/2008	MESS-1	Cl-LEAP	0.0415	0.0025	8200	700	2
6/11/2008	MAG-1	Cl-LEAP	0.0911	0.0036	31000	600	2
6/11/2008	MAG-1	Cl-LEAP	0.0984	0.0036	31000	600	2
6/11/2008	BCSS-1	K-LEAP	0.2981	0.0049	18014	332	2
6/11/2008	MESS-1	K-LEAP	0.2932	0.0048	18595	332	2
6/11/2008	NIST-2704	K-LEAP	0.3874	0.0061	20000	400	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	NIST-2704	K-LEAP	0.3873	0.0060	20000	400	2
6/11/2008	NIST-2709	K-LEAP	0.3139	0.0052	20300	600	2
6/11/2008	NIST-2709	K-LEAP	0.3215	0.0053	20300	600	2
6/11/2008	NIST-2710	K-LEAP	0.3892	0.0064	21100	1100	2
6/11/2008	NIST-2711	K-LEAP	0.3982	0.0058	24500	800	2
6/11/2008	NIST-2711	K-LEAP	0.3970	0.0058	24500	800	2
6/11/2008	NIST-2586	K-LEAP	0.1836	0.0044	9760	195.2	1
6/11/2008	MAG-1	K-LEAP	0.5217	0.0074	29470	1411	2
6/11/2008	MAG-1	K-LEAP	0.5323	0.0075	29470	1411	2
6/11/2008	SCO-1	K-LEAP	0.3679	0.0057	22995	664	2
6/11/2008	SCO-1	K-LEAP	0.3616	0.0056	22995	664	2
6/11/2008	BCSS-1	Ca-LEAP	0.2005	0.0046	5432	529	2
6/11/2008	MESS-1	Ca-LEAP	0.1507	0.0041	4817	457	2
6/11/2008	NIST-2704	Ca-LEAP	1.0114	0.0118	26000	300	2
6/11/2008	NIST-2704	Ca-LEAP	1.0055	0.0116	26000	300	2
6/11/2008	NIST-2709	Ca-LEAP	0.6707	0.0086	18900	500	2
6/11/2008	NIST-2709	Ca-LEAP	0.6616	0.0085	18900	500	2
6/11/2008	NIST-2710	Ca-LEAP	0.4318	0.0074	12500	300	2
6/11/2008	NIST-2711	Ca-LEAP	1.0183	0.0112	28800	800	2
6/11/2008	NIST-2711	Ca-LEAP	1.0155	0.0112	28800	800	2
6/11/2008	NIST-2586	Ca-LEAP	0.7767	0.0100	22180	443.6	1
6/11/2008	MAG-1	Ca-LEAP	0.3382	0.0065	9791	715	2
6/11/2008	MAG-1	Ca-LEAP	0.3519	0.0067	9791	715	2
6/11/2008	SCO-1	Ca-LEAP	0.6949	0.0088	18725	1429	2
6/11/2008	SCO-1	Ca-LEAP	0.6860	0.0087	18725	1429	2
6/11/2008	BCSS-1	Ti-LEAP	0.3915	0.0088	4400	144	2
6/11/2008	MESS-1	Ti-LEAP	0.4446	0.0092	5425	168	2
6/11/2008	NIST-2704	Ti-LEAP	0.4330	0.0101	4570	180	2
6/11/2008	NIST-2704	Ti-LEAP	0.4425	0.0101	4570	180	2
6/11/2008	NIST-2709	Ti-LEAP	0.3015	0.0086	3420	240	2
6/11/2008	NIST-2709	Ti-LEAP	0.2979	0.0086	3420	240	2
6/11/2008	NIST-2710	Ti-LEAP	0.2786	0.0094	2830	100	2
6/11/2008	NIST-2711	Ti-LEAP	0.2424	0.0076	3060	230	2
6/11/2008	NIST-2711	Ti-LEAP	0.2468	0.0077	3060	230	2
6/11/2008	NIST-2586	Ti-LEAP	0.6132	0.0122	6050	665.5	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	MAG-1	Ti-LEAP	0.3988	0.0104	4496	420	2
6/11/2008	MAG-1	Ti-LEAP	0.4040	0.0104	4496	420	2
6/11/2008	SCO-1	Ti-LEAP	0.3015	0.0084	3776	360	2
6/11/2008	SCO-1	Ti-LEAP	0.2936	0.0084	3776	360	2
6/11/2008	BCSS-1	Ti	0.0204	0.0007	4400	144	2
6/11/2008	MESS-1	Ti	0.0240	0.0007	5425	168	2
6/11/2008	NIST-2704	Ti	0.0239	0.0008	4570	180	2
6/11/2008	NIST-2704	Ti	0.0241	0.0008	4570	180	2
6/11/2008	NIST-2709	Ti	0.0168	0.0006	3420	240	2
6/11/2008	NIST-2709	Ti	0.0169	0.0006	3420	240	2
6/11/2008	NIST-2711	Ti	0.0155	0.0006	3060	230	2
6/11/2008	NIST-2711	Ti	0.0153	0.0006	3060	230	2
6/11/2008	NIST-2586	Ti	0.0339	0.0009	6050	665.5	1
6/11/2008	MAG-1	Ti	0.0243	0.0008	4496	420	2
6/11/2008	MAG-1	Ti	0.0234	0.0008	4496	420	2
6/11/2008	SCO-1	Ti	0.0161	0.0006	3776	360	2
6/11/2008	SCO-1	Ti	0.0167	0.0006	3776	360	2
6/11/2008	BCSS-1	V	0.0017	0.0004	93.4	4.9	2
6/11/2008	MESS-1	V	0.0023	0.0004	72.4	17	2
6/11/2008	NIST-2704	V	0.0018	0.0004	95	4	2
6/11/2008	NIST-2704	V	0.0021	0.0004	95	4	2
6/11/2008	NIST-2709	V	0.0024	0.0004	112	5	2
6/11/2008	NIST-2709	V	0.0027	0.0004	112	5	2
6/11/2008	NIST-2710	V	0.0025	0.0005	76.6	2.3	2
6/11/2008	NIST-2711	V	0.0027	0.0004	81.6	2.9	2
6/11/2008	NIST-2711	V	0.0021	0.0004	81.6	2.9	2
6/11/2008	NIST-2586	V	0.0031	0.0005	160	16	1
6/11/2008	MAG-1	V	0.0022	0.0005	140	6	2
6/11/2008	MAG-1	V	0.0028	0.0005	140	6	2
6/11/2008	SCO-1	V	0.0029	0.0004	130	13	2
6/11/2008	SCO-1	V	0.0024	0.0004	130	13	2
6/11/2008	BCSS-1	Cr-LEAP	0.0429	0.0028	123	14	2
6/11/2008	MESS-1	Cr-LEAP	0.0199	0.0025	71	11	2
6/11/2008	NIST-2704	Cr-LEAP	0.0454	0.0035	135	5	2
6/11/2008	NIST-2704	Cr-LEAP	0.0442	0.0032	135	5	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	NIST-2709	Cr-LEAP	0.0391	0.0032	130	4	2
6/11/2008	NIST-2709	Cr-LEAP	0.0353	0.0032	130	4	2
6/11/2008	NIST-2711	Cr-LEAP	0.0199	0.0025	47	4.7	1
6/11/2008	NIST-2711	Cr-LEAP	0.0155	0.0025	47	4.7	1
6/11/2008	NIST-2586	Cr-LEAP	0.0905	0.0041	301	45.15	2
6/11/2008	MAG-1	Cr-LEAP	0.0347	0.0035	97	8	2
6/11/2008	MAG-1	Cr-LEAP	0.0379	0.0035	97	8	2
6/11/2008	SCO-1	Cr-LEAP	0.0224	0.0028	68	5	2
6/11/2008	SCO-1	Cr-LEAP	0.0227	0.0028	68	5	2
6/11/2008	BCSS-1	Cr	0.0017	0.0004	123	14	2
6/11/2008	MESS-1	Cr	0.0016	0.0004	71	11	2
6/11/2008	NIST-2704	Cr	0.0027	0.0005	135	5	2
6/11/2008	NIST-2704	Cr	0.0022	0.0004	135	5	2
6/11/2008	NIST-2709	Cr	0.0016	0.0004	130	4	2
6/11/2008	NIST-2709	Cr	0.0024	0.0004	130	4	2
6/11/2008	NIST-2711	Cr	0.0012	0.0004	47	4.7	1
6/11/2008	NIST-2586	Cr	0.0051	0.0005	301	45.15	2
6/11/2008	MAG-1	Cr	0.0028	0.0005	97	8	2
6/11/2008	SCO-1	Cr	0.0016	0.0004	68	5	2
6/11/2008	SCO-1	Cr	0.0015	0.0004	68	5	2
6/11/2008	BCSS-1	Mn-LEAP	0.0627	0.0042	229	15	2
6/11/2008	MESS-1	Mn-LEAP	0.1538	0.0046	513	25	2
6/11/2008	NIST-2704	Mn-LEAP	0.2065	0.0059	555	19	2
6/11/2008	NIST-2704	Mn-LEAP	0.1969	0.0059	555	19	2
6/11/2008	NIST-2709	Mn-LEAP	0.1872	0.0054	538	17	2
6/11/2008	NIST-2709	Mn-LEAP	0.1918	0.0054	538	17	2
6/11/2008	NIST-2711	Mn-LEAP	0.2199	0.0050	638	28	2
6/11/2008	NIST-2711	Mn-LEAP	0.2153	0.0050	638	28	2
6/11/2008	NIST-2586	Mn-LEAP	0.3686	0.0075	1000	20	1
6/11/2008	MAG-1	Mn-LEAP	0.2809	0.0067	759	70	2
6/11/2008	MAG-1	Mn-LEAP	0.2763	0.0067	759	70	2
6/11/2008	SCO-1	Mn-LEAP	0.1254	0.0046	410	30	2
6/11/2008	SCO-1	Mn-LEAP	0.1241	0.0046	410	30	2
6/11/2008	BCSS-1	Mn	0.0052	0.0005	229	15	2
6/11/2008	MESS-1	Mn	0.0091	0.0006	513	25	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	NIST-2704	Mn	0.0126	0.0007	555	19	2
6/11/2008	NIST-2704	Mn	0.0124	0.0007	555	19	2
6/11/2008	NIST-2709	Mn	0.0109	0.0006	538	17	2
6/11/2008	NIST-2709	Mn	0.0110	0.0006	538	17	2
6/11/2008	NIST-2711	Mn	0.0136	0.0006	638	28	2
6/11/2008	NIST-2711	Mn	0.0122	0.0006	638	28	2
6/11/2008	NIST-2586	Mn	0.0206	0.0009	1000	20	1
6/11/2008	MAG-1	Mn	0.0161	0.0008	759	70	2
6/11/2008	MAG-1	Mn	0.0170	0.0008	759	70	2
6/11/2008	SCO-1	Mn	0.0080	0.0006	410	30	2
6/11/2008	SCO-1	Mn	0.0071	0.0006	410	30	2
6/11/2008	BCSS-1	Fe-LEAP	17.3510	0.1347	32873	979	2
6/11/2008	MESS-1	Fe-LEAP	15.5660	0.1200	30495	1749	2
6/11/2008	NIST-2704	Fe-LEAP	21.9193	0.1787	41100	1000	2
6/11/2008	NIST-2704	Fe-LEAP	21.7064	0.1754	41100	1000	2
6/11/2008	NIST-2709	Fe-LEAP	18.6006	0.1461	35000	1100	2
6/11/2008	NIST-2709	Fe-LEAP	18.7467	0.1477	35000	1100	2
6/11/2008	NIST-2711	Fe-LEAP	14.1904	0.1108	28900	600	2
6/11/2008	NIST-2711	Fe-LEAP	14.1301	0.1108	28900	600	2
6/11/2008	NIST-2586	Fe-LEAP	27.7817	0.2303	51610	1032.2	1
6/11/2008	MAG-1	Fe-LEAP	26.4773	0.2205	47561	4197	2
6/11/2008	MAG-1	Fe-LEAP	26.5175	0.2205	47561	4197	2
6/11/2008	SCO-1	Fe-LEAP	18.2856	0.1445	35881	1259	2
6/11/2008	SCO-1	Fe-LEAP	18.1792	0.1428	35881	1259	2
6/11/2008	BCSS-1	Fe	1.0910	0.0056	32873	979	2
6/11/2008	MESS-1	Fe	1.0122	0.0053	30495	1749	2
6/11/2008	NIST-2704	Fe	1.4488	0.0074	41100	1000	2
6/11/2008	NIST-2704	Fe	1.4492	0.0074	41100	1000	2
6/11/2008	NIST-2709	Fe	1.1390	0.0058	35000	1100	2
6/11/2008	NIST-2709	Fe	1.1490	0.0059	35000	1100	2
6/11/2008	NIST-2711	Fe	0.9236	0.0051	28900	600	2
6/11/2008	NIST-2711	Fe	0.9343	0.0051	28900	600	2
6/11/2008	NIST-2586	Fe	1.8563	0.0092	51610	1032.2	1
6/11/2008	MAG-1	Fe	1.7210	0.0087	47561	4197	2
6/11/2008	MAG-1	Fe	1.7228	0.0087	47561	4197	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	SCO-1	Fe	1.1366	0.0059	35881	1259	2
6/11/2008	SCO-1	Fe	1.1412	0.0059	35881	1259	2
6/11/2008	BCSS-1	Co	0.0143	0.0017	11.4	2.1	2
6/11/2008	MESS-1	Co	0.0113	0.0016	10.8	1.9	2
6/11/2008	NIST-2704	Co	0.0193	0.0020	14	0.6	2
6/11/2008	NIST-2704	Co	0.0171	0.0020	14	0.6	2
6/11/2008	NIST-2709	Co	0.0150	0.0017	13.4	0.7	2
6/11/2008	NIST-2709	Co	0.0150	0.0017	13.4	0.7	2
6/11/2008	NIST-2711	Co	0.0149	0.0016	10	1	1
6/11/2008	NIST-2711	Co	0.0126	0.0016	10	1	1
6/11/2008	NIST-2586	Co	0.0233	0.0023	35	3.5	1
6/11/2008	MAG-1	Co	0.0273	0.0022	20	1.6	2
6/11/2008	MAG-1	Co	0.0211	0.0022	20	1.6	2
6/11/2008	SCO-1	Co	0.0188	0.0017	11	0.8	2
6/11/2008	SCO-1	Co	0.0166	0.0017	11	0.8	2
6/11/2008	BCSS-1	Ni	0.0035	0.0006	55.3	3.6	2
6/11/2008	NIST-2704	Ni	0.0023	0.0006	44.1	3	2
6/11/2008	NIST-2704	Ni	0.0032	0.0006	44.1	3	2
6/11/2008	NIST-2709	Ni	0.0049	0.0006	88	5	2
6/11/2008	NIST-2709	Ni	0.0046	0.0006	88	5	2
6/11/2008	NIST-2711	Ni	0.0017	0.0006	20.6	1.1	2
6/11/2008	NIST-2711	Ni	0.0018	0.0006	20.6	1.1	2
6/11/2008	NIST-2586	Ni	0.0042	0.0007	75	7.5	1
6/11/2008	MAG-1	Ni	0.0026	0.0006	53	8	2
6/11/2008	SCO-1	Ni	0.0023	0.0006	27	4	2
6/11/2008	MESS-1	Cu	0.0018	0.0004	25.1	3.8	2
6/11/2008	NIST-2704	Cu	0.0097	0.0005	98.6	5	2
6/11/2008	NIST-2704	Cu	0.0085	0.0005	98.6	5	2
6/11/2008	NIST-2709	Cu	0.0032	0.0004	34.6	0.7	2
6/11/2008	NIST-2709	Cu	0.0027	0.0004	34.6	0.7	2
6/11/2008	NIST-2711	Cu	0.0100	0.0005	114	2	2
6/11/2008	NIST-2711	Cu	0.0109	0.0005	114	2	2
6/11/2008	NIST-2586	Cu	0.0069	0.0005	81	8.1	1
6/11/2008	MAG-1	Cu	0.0021	0.0005	30	3	2
6/11/2008	MAG-1	Cu	0.0026	0.0005	30	3	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	SCO-1	Cu	0.0015	0.0004	29	2	2
6/11/2008	SCO-1	Cu	0.0021	0.0004	29	2	2
6/11/2008	BCSS-1	Zn	0.0135	0.0004	119	12	2
6/11/2008	MESS-1	Zn	0.0228	0.0006	191	17	2
6/11/2008	NIST-2704	Zn	0.0592	0.0010	438	12	2
6/11/2008	NIST-2704	Zn	0.0564	0.0010	438	12	2
6/11/2008	NIST-2709	Zn	0.0138	0.0004	106	3	2
6/11/2008	NIST-2709	Zn	0.0127	0.0004	106	3	2
6/11/2008	NIST-2711	Zn	0.0450	0.0009	350.4	4.8	2
6/11/2008	NIST-2711	Zn	0.0451	0.0009	350.4	4.8	2
6/11/2008	NIST-2586	Zn	0.0438	0.0009	352	17.6	1
6/11/2008	MAG-1	Zn	0.0172	0.0006	130	6	2
6/11/2008	MAG-1	Zn	0.0177	0.0006	130	6	2
6/11/2008	SCO-1	Zn	0.0115	0.0004	100	8	2
6/11/2008	SCO-1	Zn	0.0135	0.0004	100	8	2
6/11/2008	BCSS-1	As	0.0027	0.0005	11.1	1.4	2
6/11/2008	MESS-1	As	0.0027	0.0005	10.6	1.2	2
6/11/2008	NIST-2704	As	0.0048	0.0011	23.4	0.8	2
6/11/2008	NIST-2704	As	0.0040	0.0011	23.4	0.8	2
6/11/2008	NIST-2709	As	0.0056	0.0005	17.7	0.8	2
6/11/2008	NIST-2709	As	0.0043	0.0005	17.7	0.8	2
6/11/2008	NIST-2710	As	0.1399	0.0059	626	38	2
6/11/2008	NIST-2711	As	0.0097	0.0024	105	8	2
6/11/2008	NIST-2711	As	0.0123	0.0024	105	8	2
6/11/2008	MAG-1	As	0.0027	0.0005	9.2	0.92	1
6/11/2008	MAG-1	As	0.0029	0.0005	9.2	0.92	1
6/11/2008	SCO-1	As	0.0029	0.0005	12	1	2
6/11/2008	SCO-1	As	0.0024	0.0005	12	1	2
6/11/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
6/11/2008	NIST-2704	Br	0.0022	0.0004	7	0.7	1
6/11/2008	NIST-2710	Br	0.0043	0.0013	6	0.6	1
6/11/2008	NIST-2711	Br	0.0048	0.0004	5	0.5	1
6/11/2008	NIST-2711	Br	0.0043	0.0004	5	0.5	1
6/11/2008	MAG-1	Br	0.1063	0.0013	250	25	1
6/11/2008	MAG-1	Br	0.1055	0.0013	250	25	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	NIST-2704	Rb	0.0635	0.0014	100	10	1
6/11/2008	NIST-2704	Rb	0.0628	0.0014	100	10	1
6/11/2008	NIST-2709	Rb	0.0586	0.0014	96	9.6	1
6/11/2008	NIST-2709	Rb	0.0586	0.0014	96	9.6	1
6/11/2008	NIST-2710	Rb	0.0791	0.0021	120	12	1
6/11/2008	NIST-2711	Rb	0.0720	0.0014	110	11	1
6/11/2008	NIST-2711	Rb	0.0706	0.0014	110	11	1
6/11/2008	MAG-1	Rb	0.0932	0.0014	150	6	2
6/11/2008	MAG-1	Rb	0.0967	0.0021	150	6	2
6/11/2008	SCO-1	Rb	0.0671	0.0014	110	4	2
6/11/2008	SCO-1	Rb	0.0692	0.0014	110	4	2
6/11/2008	BCSS-1	Sr	0.0737	0.0008	96	9.6	1
6/11/2008	MESS-1	Sr	0.0682	0.0008	89	8.9	1
6/11/2008	NIST-2704	Sr	0.0995	0.0016	130	13	1
6/11/2008	NIST-2704	Sr	0.1027	0.0016	130	13	1
6/11/2008	NIST-2709	Sr	0.1661	0.0016	231	2	2
6/11/2008	NIST-2709	Sr	0.1685	0.0016	231	2	2
6/11/2008	NIST-2710	Sr	0.2547	0.0024	330	33	1
6/11/2008	NIST-2711	Sr	0.1834	0.0016	245.3	0.7	2
6/11/2008	NIST-2711	Sr	0.1826	0.0016	245.3	0.7	2
6/11/2008	NIST-2586	Sr	0.0611	0.0008	84.1	8.41	1
6/11/2008	MAG-1	Sr	0.1058	0.0016	150	15	2
6/11/2008	MAG-1	Sr	0.1050	0.0016	150	15	2
6/11/2008	SCO-1	Sr	0.1222	0.0016	170	16	2
6/11/2008	SCO-1	Sr	0.1254	0.0016	170	16	2
6/11/2008	NIST-2704	Zr	0.3425	0.0023	300	30	1
6/11/2008	NIST-2704	Zr	0.3133	0.0023	300	30	1
6/11/2008	NIST-2709	Zr	0.1555	0.0023	160	16	1
6/11/2008	NIST-2709	Zr	0.1496	0.0023	160	16	1
6/11/2008	NIST-2711	Zr	0.2724	0.0023	230	23	1
6/11/2008	NIST-2711	Zr	0.2724	0.0023	230	23	1
6/11/2008	MAG-1	Zr	0.1297	0.0023	130	13	2
6/11/2008	MAG-1	Zr	0.1297	0.0023	130	13	2
6/11/2008	SCO-1	Zr	0.1707	0.0023	160	30	2
6/11/2008	SCO-1	Zr	0.1707	0.0023	160	30	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	NIST-2709	Ag	0.0127	0.0036	0.41	0.03	2
6/11/2008	NIST-2711	Ag	0.0138	0.0036	4.63	0.39	2
6/11/2008	NIST-2711	Ag	0.0145	0.0036	4.63	0.39	2
6/11/2008	MAG-1	Ag	0.0120	0.0040	0.08	0.008	1
6/11/2008	NIST-2704	Cd	0.0120	0.0039	3.45	0.22	2
6/11/2008	NIST-2709	Cd	0.0126	0.0036	0.38	0.01	2
6/11/2008	NIST-2710	Cd	0.0144	0.0042	21.8	0.2	2
6/11/2008	NIST-2711	Cd	0.0138	0.0039	41.7	0.25	2
6/11/2008	NIST-2711	Cd	0.0225	0.0039	41.7	0.25	2
6/11/2008	MAG-1	Cd	0.0144	0.0039	0.2	0.03	2
6/11/2008	NIST-2704	I-LEAP	0.0307	0.0061	2	0.2	1
6/11/2008	NIST-2704	I-LEAP	0.0253	0.0060	2	0.2	1
6/11/2008	NIST-2709	I-LEAP	0.0281	0.0051	5	0.5	1
6/11/2008	NIST-2711	I-LEAP	0.0247	0.0053	3	0.3	1
6/11/2008	NIST-2711	I-LEAP	0.0285	0.0053	3	0.3	1
6/11/2008	MAG-1	I-LEAP	0.0214	0.0053	380	38	1
6/11/2008	MAG-1	I-LEAP	0.0276	0.0054	380	38	1
6/11/2008	NIST-2704	Ba	0.0707	0.0050	414	12	2
6/11/2008	NIST-2704	Ba	0.0701	0.0048	414	12	2
6/11/2008	NIST-2709	Ba	0.0902	0.0046	968	40	2
6/11/2008	NIST-2709	Ba	0.0835	0.0044	968	40	2
6/11/2008	NIST-2710	Ba	0.0777	0.0050	707	51	2
6/11/2008	NIST-2711	Ba	0.0678	0.0040	726	38	2
6/11/2008	NIST-2711	Ba	0.0693	0.0040	726	38	2
6/11/2008	NIST-2586	Ba	0.0844	0.0057	413	16.52	1
6/11/2008	MAG-1	Ba	0.0919	0.0054	480	41	2
6/11/2008	MAG-1	Ba	0.0831	0.0052	480	41	2
6/11/2008	SCO-1	Ba	0.0712	0.0044	570	30	2
6/11/2008	SCO-1	Ba	0.0804	0.0044	570	30	2
6/11/2008	NIST-2704	Hg	0.0012	0.0003	1.44	0.07	2
6/11/2008	NIST-2704	Hg	0.0012	0.0003	1.44	0.07	2
6/11/2008	NIST-2709	Hg	0.0007	0.0003	1.4	0.08	2
6/11/2008	NIST-2710	Hg	0.0131	0.0008	32.6	1.8	2
6/11/2008	NIST-2711	Hg	0.0020	0.0003	6.25	0.19	2
6/11/2008	NIST-2711	Hg	0.0016	0.0003	6.25	0.19	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/11/2008	NIST-2586	Hg	0.0009	0.0003	0.37	0.04	1
6/11/2008	MAG-1	Hg	0.0011	0.0003	0.02	0.002	1
6/11/2008	MAG-1	Hg	0.0009	0.0003	0.02	0.002	1
6/11/2008	BCSS-1	Pb	0.0047	0.0004	22.7	3.4	2
6/11/2008	MESS-1	Pb	0.0058	0.0004	34	6.1	2
6/11/2008	NIST-2704	Pb	0.0309	0.0009	161	17	2
6/11/2008	NIST-2704	Pb	0.0313	0.0009	161	17	2
6/11/2008	NIST-2709	Pb	0.0022	0.0004	18.9	0.5	2
6/11/2008	NIST-2709	Pb	0.0037	0.0004	18.9	0.5	2
6/11/2008	NIST-2711	Pb	0.2368	0.0022	1162	31	2
6/11/2008	NIST-2711	Pb	0.2362	0.0022	1162	31	2
6/11/2008	NIST-2586	Pb	0.0864	0.0013	432	17.28	2
6/11/2008	MAG-1	Pb	0.0047	0.0004	24	3	2
6/11/2008	MAG-1	Pb	0.0041	0.0004	24	3	2
6/11/2008	SCO-1	Pb	0.0058	0.0004	31	3	2
6/11/2008	SCO-1	Pb	0.0058	0.0004	31	3	2
6/11/2008	NIST-2704	U	0.0037	0.0008	3.13	0.13	2
6/11/2008	NIST-2704	U	0.0042	0.0008	3.13	0.13	2
6/11/2008	NIST-2709	U	0.0032	0.0008	3	0.3	1
6/11/2008	NIST-2709	U	0.0029	0.0008	3	0.3	1
6/11/2008	NIST-2710	U	0.0139	0.0011	25	2.5	1
6/11/2008	NIST-2711	U	0.0053	0.0008	2.6	0.26	1
6/11/2008	NIST-2711	U	0.0055	0.0008	2.6	0.26	1
6/11/2008	MAG-1	U	0.0039	0.0008	2.7	0.3	2
6/11/2008	MAG-1	U	0.0037	0.0008	2.7	0.3	2
6/12/2008	BCSS-1	K-LEAP	0.2911	0.0048	18014	332	2
6/12/2008	NIST-2704	K-LEAP	0.3844	0.0060	20000	400	2
6/12/2008	NIST-2709	K-LEAP	0.3178	0.0051	20300	600	2
6/12/2008	NIST-2709	K-LEAP	0.3207	0.0052	20300	600	2
6/12/2008	NIST-2710	K-LEAP	0.3730	0.0062	21100	1100	2
6/12/2008	NIST-2711	K-LEAP	0.3965	0.0058	24500	800	2
6/12/2008	MAG-1	K-LEAP	0.5110	0.0073	29470	1411	2
6/12/2008	SCO-1	K-LEAP	0.3519	0.0055	22995	664	2
6/12/2008	BCSS-1	Ca-LEAP	0.1929	0.0045	5432	529	2
6/12/2008	NIST-2704	Ca-LEAP	0.9976	0.0115	26000	300	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/12/2008	NIST-2709	Ca-LEAP	0.6613	0.0084	18900	500	2
6/12/2008	NIST-2709	Ca-LEAP	0.6652	0.0084	18900	500	2
6/12/2008	NIST-2710	Ca-LEAP	0.4501	0.0075	12500	300	2
6/12/2008	NIST-2711	Ca-LEAP	1.0155	0.0111	28800	800	2
6/12/2008	MAG-1	Ca-LEAP	0.3562	0.0067	9791	715	2
6/12/2008	SCO-1	Ca-LEAP	0.6741	0.0086	18725	1429	2
6/12/2008	BCSS-1	Ti-LEAP	0.3952	0.0088	4400	144	2
6/12/2008	NIST-2704	Ti-LEAP	0.4375	0.0101	4570	180	2
6/12/2008	NIST-2709	Ti-LEAP	0.3144	0.0085	3420	240	2
6/12/2008	NIST-2709	Ti-LEAP	0.2934	0.0084	3420	240	2
6/12/2008	NIST-2710	Ti-LEAP	0.2816	0.0094	2830	100	2
6/12/2008	NIST-2711	Ti-LEAP	0.2568	0.0077	3060	230	2
6/12/2008	MAG-1	Ti-LEAP	0.3973	0.0104	4496	420	2
6/12/2008	SCO-1	Ti-LEAP	0.3059	0.0084	3776	360	2
6/12/2008	BCSS-1	Ti	0.0204	0.0007	4400	144	2
6/12/2008	NIST-2704	Ti	0.0250	0.0008	4570	180	2
6/12/2008	NIST-2709	Ti	0.0158	0.0006	3420	240	2
6/12/2008	NIST-2709	Ti	0.0176	0.0006	3420	240	2
6/12/2008	NIST-2711	Ti	0.0154	0.0006	3060	230	2
6/12/2008	MAG-1	Ti	0.0217	0.0008	4496	420	2
6/12/2008	SCO-1	Ti	0.0164	0.0006	3776	360	2
6/12/2008	BCSS-1	V	0.0019	0.0004	93.4	4.9	2
6/12/2008	NIST-2704	V	0.0015	0.0004	95	4	2
6/12/2008	NIST-2709	V	0.0029	0.0004	112	5	2
6/12/2008	NIST-2709	V	0.0027	0.0004	112	5	2
6/12/2008	NIST-2710	V	0.0028	0.0006	76.6	2.3	2
6/12/2008	NIST-2711	V	0.0021	0.0004	81.6	2.9	2
6/12/2008	MAG-1	V	0.0024	0.0005	140	6	2
6/12/2008	SCO-1	V	0.0028	0.0004	130	13	2
6/12/2008	BCSS-1	Cr-LEAP	0.0432	0.0028	123	14	2
6/12/2008	NIST-2704	Cr-LEAP	0.0467	0.0032	135	5	2
6/12/2008	NIST-2709	Cr-LEAP	0.0442	0.0032	130	4	2
6/12/2008	NIST-2709	Cr-LEAP	0.0375	0.0028	130	4	2
6/12/2008	NIST-2711	Cr-LEAP	0.0123	0.0025	47	4.7	1
6/12/2008	MAG-1	Cr-LEAP	0.0350	0.0035	97	8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/12/2008	SCO-1	Cr-LEAP	0.0227	0.0028	68	5	2
6/12/2008	BCSS-1	Cr	0.0028	0.0004	123	14	2
6/12/2008	NIST-2704	Cr	0.0030	0.0004	135	5	2
6/12/2008	NIST-2709	Cr	0.0019	0.0004	130	4	2
6/12/2008	NIST-2709	Cr	0.0020	0.0004	130	4	2
6/12/2008	NIST-2711	Cr	0.0015	0.0004	47	4.7	1
6/12/2008	MAG-1	Cr	0.0018	0.0005	97	8	2
6/12/2008	SCO-1	Cr	0.0016	0.0004	68	5	2
6/12/2008	BCSS-1	Mn-LEAP	0.0627	0.0042	229	15	2
6/12/2008	NIST-2704	Mn-LEAP	0.2019	0.0059	555	19	2
6/12/2008	NIST-2709	Mn-LEAP	0.1827	0.0050	538	17	2
6/12/2008	NIST-2709	Mn-LEAP	0.1835	0.0050	538	17	2
6/12/2008	NIST-2711	Mn-LEAP	0.2253	0.0050	638	28	2
6/12/2008	MAG-1	Mn-LEAP	0.2775	0.0067	759	70	2
6/12/2008	SCO-1	Mn-LEAP	0.1162	0.0046	410	30	2
6/12/2008	BCSS-1	Mn	0.0042	0.0005	229	15	2
6/12/2008	NIST-2704	Mn	0.0132	0.0007	555	19	2
6/12/2008	NIST-2709	Mn	0.0124	0.0006	538	17	2
6/12/2008	NIST-2709	Mn	0.0103	0.0006	538	17	2
6/12/2008	NIST-2711	Mn	0.0126	0.0006	638	28	2
6/12/2008	MAG-1	Mn	0.0171	0.0008	759	70	2
6/12/2008	SCO-1	Mn	0.0069	0.0006	410	30	2
6/12/2008	BCSS-1	Fe-LEAP	17.2098	0.1331	32873	979	2
6/12/2008	NIST-2704	Fe-LEAP	21.5783	0.1743	41100	1000	2
6/12/2008	NIST-2709	Fe-LEAP	18.4605	0.1428	35000	1100	2
6/12/2008	NIST-2709	Fe-LEAP	18.7500	0.1455	35000	1100	2
6/12/2008	NIST-2711	Fe-LEAP	14.1969	0.1102	28900	600	2
6/12/2008	MAG-1	Fe-LEAP	26.4957	0.2205	47561	4197	2
6/12/2008	SCO-1	Fe-LEAP	18.0798	0.1412	35881	1259	2
6/12/2008	BCSS-1	Fe	1.1017	0.0057	32873	979	2
6/12/2008	NIST-2704	Fe	1.4316	0.0073	41100	1000	2
6/12/2008	NIST-2709	Fe	1.1372	0.0058	35000	1100	2
6/12/2008	NIST-2709	Fe	1.1643	0.0059	35000	1100	2
6/12/2008	NIST-2711	Fe	0.9415	0.0051	28900	600	2
6/12/2008	MAG-1	Fe	1.7227	0.0086	47561	4197	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/12/2008	SCO-1	Fe	1.1522	0.0059	35881	1259	2
6/12/2008	BCSS-1	Co	0.0127	0.0017	11.4	2.1	2
6/12/2008	NIST-2704	Co	0.0167	0.0020	14	0.6	2
6/12/2008	NIST-2709	Co	0.0175	0.0017	13.4	0.7	2
6/12/2008	NIST-2709	Co	0.0129	0.0017	13.4	0.7	2
6/12/2008	NIST-2711	Co	0.0141	0.0016	10	1	1
6/12/2008	MAG-1	Co	0.0222	0.0022	20	1.6	2
6/12/2008	SCO-1	Co	0.0146	0.0017	11	0.8	2
6/12/2008	BCSS-1	Ni	0.0041	0.0006	55.3	3.6	2
6/12/2008	NIST-2704	Ni	0.0032	0.0006	44.1	3	2
6/12/2008	NIST-2709	Ni	0.0046	0.0006	88	5	2
6/12/2008	NIST-2709	Ni	0.0046	0.0006	88	5	2
6/12/2008	SCO-1	Ni	0.0020	0.0006	27	4	2
6/12/2008	NIST-2704	Cu	0.0082	0.0005	98.6	5	2
6/12/2008	NIST-2709	Cu	0.0036	0.0004	34.6	0.7	2
6/12/2008	NIST-2709	Cu	0.0031	0.0004	34.6	0.7	2
6/12/2008	NIST-2711	Cu	0.0102	0.0005	114	2	2
6/12/2008	MAG-1	Cu	0.0018	0.0004	30	3	2
6/12/2008	SCO-1	Cu	0.0023	0.0004	29	2	2
6/12/2008	BCSS-1	Zn	0.0135	0.0004	119	12	2
6/12/2008	NIST-2704	Zn	0.0565	0.0010	438	12	2
6/12/2008	NIST-2709	Zn	0.0127	0.0004	106	3	2
6/12/2008	NIST-2709	Zn	0.0124	0.0004	106	3	2
6/12/2008	NIST-2711	Zn	0.0457	0.0009	350.4	4.8	2
6/12/2008	MAG-1	Zn	0.0168	0.0006	130	6	2
6/12/2008	SCO-1	Zn	0.0126	0.0004	100	8	2
6/12/2008	BCSS-1	As	0.0029	0.0005	11.1	1.4	2
6/12/2008	NIST-2704	As	0.0051	0.0011	23.4	0.8	2
6/12/2008	NIST-2709	As	0.0048	0.0005	17.7	0.8	2
6/12/2008	NIST-2709	As	0.0051	0.0005	17.7	0.8	2
6/12/2008	NIST-2710	As	0.1362	0.0062	626	38	2
6/12/2008	NIST-2711	As	0.0147	0.0024	105	8	2
6/12/2008	MAG-1	As	0.0024	0.0005	9.2	0.92	1
6/12/2008	SCO-1	As	0.0038	0.0005	12	1	2
6/12/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/12/2008	NIST-2710	Br	0.0069	0.0013	6	0.6	1
6/12/2008	NIST-2711	Br	0.0026	0.0004	5	0.5	1
6/12/2008	MAG-1	Br	0.1063	0.0013	250	25	1
6/12/2008	NIST-2704	Rb	0.0664	0.0014	100	10	1
6/12/2008	NIST-2709	Rb	0.0558	0.0014	96	9.6	1
6/12/2008	NIST-2709	Rb	0.0600	0.0014	96	9.6	1
6/12/2008	NIST-2710	Rb	0.0805	0.0021	120	12	1
6/12/2008	NIST-2711	Rb	0.0727	0.0014	110	11	1
6/12/2008	MAG-1	Rb	0.0918	0.0014	150	6	2
6/12/2008	SCO-1	Rb	0.0720	0.0014	110	4	2
6/12/2008	BCSS-1	Sr	0.0768	0.0008	96	9.6	1
6/12/2008	NIST-2704	Sr	0.1003	0.0016	130	13	1
6/12/2008	NIST-2709	Sr	0.1638	0.0016	231	2	2
6/12/2008	NIST-2709	Sr	0.1716	0.0016	231	2	2
6/12/2008	NIST-2710	Sr	0.2507	0.0024	330	33	1
6/12/2008	NIST-2711	Sr	0.1857	0.0016	245.3	0.7	2
6/12/2008	MAG-1	Sr	0.1027	0.0016	150	15	2
6/12/2008	SCO-1	Sr	0.1246	0.0016	170	16	2
6/12/2008	NIST-2704	Zr	0.3168	0.0023	300	30	1
6/12/2008	NIST-2709	Zr	0.1555	0.0023	160	16	1
6/12/2008	NIST-2709	Zr	0.1391	0.0023	160	16	1
6/12/2008	NIST-2711	Zr	0.2735	0.0023	230	23	1
6/12/2008	MAG-1	Zr	0.1274	0.0023	130	13	2
6/12/2008	SCO-1	Zr	0.1730	0.0023	160	30	2
6/12/2008	NIST-2709	Cd	0.0156	0.0036	0.38	0.01	2
6/12/2008	NIST-2710	Cd	0.0138	0.0042	21.8	0.2	2
6/12/2008	NIST-2711	Cd	0.0258	0.0036	41.7	0.25	2
6/12/2008	NIST-2704	I-LEAP	0.0379	0.0061	2	0.2	1
6/12/2008	NIST-2709	I-LEAP	0.0173	0.0050	5	0.5	1
6/12/2008	NIST-2711	I-LEAP	0.0260	0.0053	3	0.3	1
6/12/2008	NIST-2704	Ba	0.0733	0.0050	414	12	2
6/12/2008	NIST-2709	Ba	0.0787	0.0044	968	40	2
6/12/2008	NIST-2709	Ba	0.0858	0.0044	968	40	2
6/12/2008	NIST-2710	Ba	0.0789	0.0050	707	51	2
6/12/2008	NIST-2711	Ba	0.0661	0.0040	726	38	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/12/2008	MAG-1	Ba	0.0940	0.0054	480	41	2
6/12/2008	SCO-1	Ba	0.0741	0.0044	570	30	2
6/12/2008	NIST-2704	Hg	0.0009	0.0003	1.44	0.07	2
6/12/2008	NIST-2709	Hg	0.0009	0.0003	1.4	0.08	2
6/12/2008	NIST-2710	Hg	0.0123	0.0008	32.6	1.8	2
6/12/2008	NIST-2711	Hg	0.0022	0.0003	6.25	0.19	2
6/12/2008	BCSS-1	Pb	0.0045	0.0004	22.7	3.4	2
6/12/2008	NIST-2704	Pb	0.0302	0.0009	161	17	2
6/12/2008	NIST-2709	Pb	0.0032	0.0004	18.9	0.5	2
6/12/2008	NIST-2709	Pb	0.0032	0.0004	18.9	0.5	2
6/12/2008	NIST-2711	Pb	0.2364	0.0022	1162	31	2
6/12/2008	MAG-1	Pb	0.0054	0.0004	24	3	2
6/12/2008	SCO-1	Pb	0.0052	0.0004	31	3	2
6/12/2008	NIST-2704	U	0.0029	0.0008	3.13	0.13	2
6/12/2008	NIST-2709	U	0.0037	0.0008	3	0.3	1
6/12/2008	NIST-2709	U	0.0026	0.0008	3	0.3	1
6/12/2008	NIST-2710	U	0.0105	0.0011	25	2.5	1
6/12/2008	NIST-2711	U	0.0060	0.0008	2.6	0.26	1
6/12/2008	MAG-1	U	0.0037	0.0008	2.7	0.3	2
6/16/2008	BCSS-1	S-LEAP	0.0066	0.0016	3600	500	2
6/16/2008	MESS-1	S-LEAP	0.0083	0.0016	7200	500	2
6/16/2008	MESS-1	S-LEAP	0.0082	0.0016	7200	500	2
6/16/2008	NIST-2710	S-LEAP	0.0079	0.0020	2400	60	2
6/16/2008	SDO-1	S-LEAP	0.0406	0.0026	53500	4400	2
6/16/2008	SDO-1	S-LEAP	0.0365	0.0026	53500	4400	2
6/16/2008	MAG-1	Cl-LEAP	0.0997	0.0034	31000	600	2
6/16/2008	BCSS-1	Cl-LEAP	0.0392	0.0025	11200	500	2
6/16/2008	MESS-1	Cl-LEAP	0.0441	0.0025	8200	700	2
6/16/2008	MESS-1	Cl-LEAP	0.0359	0.0024	8200	700	2
6/16/2008	MAG-1	Cl-LEAP	0.0947	0.0036	31000	600	2
6/16/2008	NIST-2704	K-LEAP	0.3783	0.0059	20000	400	2
6/16/2008	MAG-1	K-LEAP	0.5116	0.0070	29470	1411	2
6/16/2008	BCSS-1	K-LEAP	0.2864	0.0048	18014	332	2
6/16/2008	MESS-1	K-LEAP	0.2909	0.0047	18595	332	2
6/16/2008	MESS-1	K-LEAP	0.2851	0.0047	18595	332	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	NIST-2704	K-LEAP	0.3816	0.0060	20000	400	2
6/16/2008	NIST-2709	K-LEAP	0.3178	0.0052	20300	600	2
6/16/2008	NIST-2710	K-LEAP	0.3604	0.0060	21100	1100	2
6/16/2008	NIST-2710	K-LEAP	0.3915	0.0064	21100	1100	2
6/16/2008	NIST-2711	K-LEAP	0.3975	0.0057	24500	800	2
6/16/2008	NIST-2711	K-LEAP	0.3948	0.0058	24500	800	2
6/16/2008	NIST-2586	K-LEAP	0.1897	0.0044	9760	195.2	1
6/16/2008	MAG-1	K-LEAP	0.5178	0.0074	29470	1411	2
6/16/2008	SCO-1	K-LEAP	0.3635	0.0056	22995	664	2
6/16/2008	SCO-1	K-LEAP	0.3703	0.0056	22995	664	2
6/16/2008	SDO-1	K-LEAP	0.5150	0.0075	27810	506	2
6/16/2008	SDO-1	K-LEAP	0.5219	0.0076	27810	506	2
6/16/2008	NIST-2704	Ca-LEAP	0.9768	0.0112	26000	300	2
6/16/2008	MAG-1	Ca-LEAP	0.3316	0.0063	9791	715	2
6/16/2008	BCSS-1	Ca-LEAP	0.1838	0.0045	5432	529	2
6/16/2008	MESS-1	Ca-LEAP	0.1516	0.0041	4817	457	2
6/16/2008	MESS-1	Ca-LEAP	0.1503	0.0041	4817	457	2
6/16/2008	NIST-2704	Ca-LEAP	0.9960	0.0115	26000	300	2
6/16/2008	NIST-2709	Ca-LEAP	0.6438	0.0083	18900	500	2
6/16/2008	NIST-2710	Ca-LEAP	0.4231	0.0072	12500	300	2
6/16/2008	NIST-2710	Ca-LEAP	0.4491	0.0075	12500	300	2
6/16/2008	NIST-2711	Ca-LEAP	0.9961	0.0109	28800	800	2
6/16/2008	NIST-2711	Ca-LEAP	1.0089	0.0110	28800	800	2
6/16/2008	NIST-2586	Ca-LEAP	0.7694	0.0099	22180	443.6	1
6/16/2008	MAG-1	Ca-LEAP	0.3348	0.0065	9791	715	2
6/16/2008	SCO-1	Ca-LEAP	0.6900	0.0087	18725	1429	2
6/16/2008	SCO-1	Ca-LEAP	0.6774	0.0086	18725	1429	2
6/16/2008	SDO-1	Ca-LEAP	0.2730	0.0062	7504	336	2
6/16/2008	SDO-1	Ca-LEAP	0.2716	0.0062	7504	336	2
6/16/2008	NIST-2704	Ti-LEAP	0.4323	0.0099	4570	180	2
6/16/2008	MAG-1	Ti-LEAP	0.3751	0.0099	4496	420	2
6/16/2008	BCSS-1	Ti-LEAP	0.3713	0.0087	4400	144	2
6/16/2008	MESS-1	Ti-LEAP	0.4287	0.0090	5425	168	2
6/16/2008	MESS-1	Ti-LEAP	0.4393	0.0091	5425	168	2
6/16/2008	NIST-2704	Ti-LEAP	0.4248	0.0100	4570	180	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	NIST-2709	Ti-LEAP	0.2965	0.0084	3420	240	2
6/16/2008	NIST-2710	Ti-LEAP	0.2667	0.0091	2830	100	2
6/16/2008	NIST-2710	Ti-LEAP	0.2714	0.0094	2830	100	2
6/16/2008	NIST-2711	Ti-LEAP	0.2459	0.0076	3060	230	2
6/16/2008	NIST-2711	Ti-LEAP	0.2501	0.0076	3060	230	2
6/16/2008	NIST-2586	Ti-LEAP	0.6168	0.0123	6050	665.5	1
6/16/2008	MAG-1	Ti-LEAP	0.3977	0.0104	4496	420	2
6/16/2008	SCO-1	Ti-LEAP	0.3016	0.0085	3776	360	2
6/16/2008	SCO-1	Ti-LEAP	0.2788	0.0083	3776	360	2
6/16/2008	SDO-1	Ti-LEAP	0.3998	0.0108	4256	186	2
6/16/2008	SDO-1	Ti-LEAP	0.4183	0.0112	4256	186	2
6/16/2008	NIST-2704	Ti	0.0241	0.0008	4570	180	2
6/16/2008	BCSS-1	Ti	0.0199	0.0006	4400	144	2
6/16/2008	MESS-1	Ti	0.0232	0.0007	5425	168	2
6/16/2008	MESS-1	Ti	0.0248	0.0007	5425	168	2
6/16/2008	NIST-2704	Ti	0.0243	0.0008	4570	180	2
6/16/2008	NIST-2709	Ti	0.0159	0.0006	3420	240	2
6/16/2008	MAG-1	Ti	0.0227	0.0008	4496	420	2
6/16/2008	NIST-2711	Ti	0.0156	0.0006	3060	230	2
6/16/2008	NIST-2711	Ti	0.0156	0.0006	3060	230	2
6/16/2008	NIST-2586	Ti	0.0339	0.0009	6050	665.5	1
6/16/2008	MAG-1	Ti	0.0214	0.0008	4496	420	2
6/16/2008	SCO-1	Ti	0.0170	0.0006	3776	360	2
6/16/2008	SCO-1	Ti	0.0170	0.0006	3776	360	2
6/16/2008	SDO-1	Ti	0.0226	0.0008	4256	186	2
6/16/2008	SDO-1	Ti	0.0231	0.0008	4256	186	2
6/16/2008	NIST-2704	V	0.0023	0.0004	95	4	2
6/16/2008	MAG-1	V	0.0025	0.0005	140	6	2
6/16/2008	MESS-1	V	0.0021	0.0004	72.4	17	2
6/16/2008	NIST-2704	V	0.0023	0.0005	95	4	2
6/16/2008	NIST-2709	V	0.0036	0.0004	112	5	2
6/16/2008	NIST-2710	V	0.0033	0.0006	76.6	2.3	2
6/16/2008	NIST-2711	V	0.0018	0.0004	81.6	2.9	2
6/16/2008	NIST-2586	V	0.0024	0.0005	160	16	1
6/16/2008	MAG-1	V	0.0034	0.0005	140	6	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	SCO-1	V	0.0020	0.0004	130	13	2
6/16/2008	SCO-1	V	0.0022	0.0004	130	13	2
6/16/2008	SDO-1	V	0.0035	0.0005	160	21	2
6/16/2008	SDO-1	V	0.0026	0.0005	160	21	2
6/16/2008	NIST-2704	Cr-LEAP	0.0476	0.0032	135	5	2
6/16/2008	BCSS-1	Cr-LEAP	0.0442	0.0028	123	14	2
6/16/2008	MESS-1	Cr-LEAP	0.0186	0.0025	71	11	2
6/16/2008	MESS-1	Cr-LEAP	0.0173	0.0025	71	11	2
6/16/2008	NIST-2704	Cr-LEAP	0.0473	0.0035	135	5	2
6/16/2008	NIST-2709	Cr-LEAP	0.0356	0.0028	130	4	2
6/16/2008	MAG-1	Cr-LEAP	0.0315	0.0035	97	8	2
6/16/2008	NIST-2711	Cr-LEAP	0.0208	0.0025	47	4.7	1
6/16/2008	NIST-2711	Cr-LEAP	0.0189	0.0025	47	4.7	1
6/16/2008	NIST-2586	Cr-LEAP	0.0902	0.0041	301	45.15	2
6/16/2008	MAG-1	Cr-LEAP	0.0315	0.0035	97	8	2
6/16/2008	SCO-1	Cr-LEAP	0.0233	0.0028	68	5	2
6/16/2008	SCO-1	Cr-LEAP	0.0158	0.0028	68	5	2
6/16/2008	SDO-1	Cr-LEAP	0.0262	0.0038	66.4	7.6	2
6/16/2008	SDO-1	Cr-LEAP	0.0243	0.0038	66.4	7.6	2
6/16/2008	NIST-2704	Cr	0.0018	0.0004	135	5	2
6/16/2008	MAG-1	Cr	0.0020	0.0005	97	8	2
6/16/2008	BCSS-1	Cr	0.0024	0.0004	123	14	2
6/16/2008	MESS-1	Cr	0.0015	0.0004	71	11	2
6/16/2008	MESS-1	Cr	0.0014	0.0004	71	11	2
6/16/2008	NIST-2704	Cr	0.0024	0.0004	135	5	2
6/16/2008	NIST-2709	Cr	0.0021	0.0004	130	4	2
6/16/2008	NIST-2711	Cr	0.0012	0.0004	47	4.7	1
6/16/2008	NIST-2586	Cr	0.0049	0.0005	301	45.15	2
6/16/2008	SCO-1	Cr	0.0013	0.0004	68	5	2
6/16/2008	SCO-1	Cr	0.0018	0.0004	68	5	2
6/16/2008	NIST-2704	Mn-LEAP	0.2102	0.0059	555	19	2
6/16/2008	BCSS-1	Mn-LEAP	0.0765	0.0042	229	15	2
6/16/2008	MESS-1	Mn-LEAP	0.1542	0.0046	513	25	2
6/16/2008	MESS-1	Mn-LEAP	0.1572	0.0046	513	25	2
6/16/2008	NIST-2704	Mn-LEAP	0.2140	0.0059	555	19	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	NIST-2709	Mn-LEAP	0.1994	0.0054	538	17	2
6/16/2008	MAG-1	Mn-LEAP	0.2713	0.0063	759	70	2
6/16/2008	NIST-2711	Mn-LEAP	0.2219	0.0050	638	28	2
6/16/2008	NIST-2711	Mn-LEAP	0.2332	0.0054	638	28	2
6/16/2008	NIST-2586	Mn-LEAP	0.3862	0.0075	1000	20	1
6/16/2008	MAG-1	Mn-LEAP	0.2905	0.0067	759	70	2
6/16/2008	SCO-1	Mn-LEAP	0.1275	0.0046	410	30	2
6/16/2008	SCO-1	Mn-LEAP	0.1367	0.0050	410	30	2
6/16/2008	SDO-1	Mn-LEAP	0.1116	0.0059	325	39	2
6/16/2008	SDO-1	Mn-LEAP	0.1133	0.0063	325	39	2
6/16/2008	NIST-2704	Mn	0.0126	0.0007	555	19	2
6/16/2008	BCSS-1	Mn	0.0052	0.0005	229	15	2
6/16/2008	MESS-1	Mn	0.0091	0.0006	513	25	2
6/16/2008	MESS-1	Mn	0.0109	0.0006	513	25	2
6/16/2008	NIST-2704	Mn	0.0133	0.0007	555	19	2
6/16/2008	NIST-2709	Mn	0.0113	0.0006	538	17	2
6/16/2008	MAG-1	Mn	0.0169	0.0008	759	70	2
6/16/2008	NIST-2711	Mn	0.0138	0.0006	638	28	2
6/16/2008	NIST-2711	Mn	0.0128	0.0006	638	28	2
6/16/2008	NIST-2586	Mn	0.0248	0.0009	1000	20	1
6/16/2008	MAG-1	Mn	0.0179	0.0008	759	70	2
6/16/2008	SCO-1	Mn	0.0085	0.0006	410	30	2
6/16/2008	SCO-1	Mn	0.0087	0.0006	410	30	2
6/16/2008	SDO-1	Mn	0.0082	0.0008	325	39	2
6/16/2008	SDO-1	Mn	0.0085	0.0008	325	39	2
6/16/2008	NIST-2704	Fe-LEAP	21.3523	0.1694	41100	1000	2
6/16/2008	BCSS-1	Fe-LEAP	17.2234	0.1336	32873	979	2
6/16/2008	MESS-1	Fe-LEAP	15.6148	0.1195	30495	1749	2
6/16/2008	MESS-1	Fe-LEAP	15.3281	0.1178	30495	1749	2
6/16/2008	NIST-2704	Fe-LEAP	21.5011	0.1738	41100	1000	2
6/16/2008	NIST-2709	Fe-LEAP	18.3123	0.1428	35000	1100	2
6/16/2008	MAG-1	Fe-LEAP	25.4031	0.2026	47561	4197	2
6/16/2008	NIST-2711	Fe-LEAP	14.0796	0.1086	28900	600	2
6/16/2008	NIST-2711	Fe-LEAP	14.0611	0.1097	28900	600	2
6/16/2008	NIST-2586	Fe-LEAP	27.5450	0.2270	51610	1032.2	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	MAG-1	Fe-LEAP	26.3888	0.2194	47561	4197	2
6/16/2008	SCO-1	Fe-LEAP	18.2998	0.1434	35881	1259	2
6/16/2008	SCO-1	Fe-LEAP	18.0271	0.1412	35881	1259	2
6/16/2008	SDO-1	Fe-LEAP	33.9732	0.2851	65327	1469	2
6/16/2008	SDO-1	Fe-LEAP	34.4566	0.2916	65327	1469	2
6/16/2008	NIST-2704	Fe	1.4363	0.0072	41100	1000	2
6/16/2008	BCSS-1	Fe	1.0832	0.0056	32873	979	2
6/16/2008	MESS-1	Fe	1.0089	0.0052	30495	1749	2
6/16/2008	MESS-1	Fe	0.9989	0.0052	30495	1749	2
6/16/2008	NIST-2704	Fe	1.4431	0.0073	41100	1000	2
6/16/2008	NIST-2709	Fe	1.1429	0.0058	35000	1100	2
6/16/2008	MAG-1	Fe	1.7306	0.0086	47561	4197	2
6/16/2008	NIST-2711	Fe	0.9328	0.0051	28900	600	2
6/16/2008	NIST-2711	Fe	0.9313	0.0051	28900	600	2
6/16/2008	NIST-2586	Fe	1.8411	0.0090	51610	1032.2	1
6/16/2008	MAG-1	Fe	1.7120	0.0086	47561	4197	2
6/16/2008	SCO-1	Fe	1.1443	0.0059	35881	1259	2
6/16/2008	SCO-1	Fe	1.1435	0.0059	35881	1259	2
6/16/2008	SDO-1	Fe	2.3172	0.0111	65327	1469	2
6/16/2008	SDO-1	Fe	2.3583	0.0114	65327	1469	2
6/16/2008	NIST-2704	Co	0.0197	0.0020	14	0.6	2
6/16/2008	MAG-1	Co	0.0207	0.0022	20	1.6	2
6/16/2008	BCSS-1	Co	0.0129	0.0016	11.4	2.1	2
6/16/2008	MESS-1	Co	0.0119	0.0016	10.8	1.9	2
6/16/2008	MESS-1	Co	0.0110	0.0016	10.8	1.9	2
6/16/2008	NIST-2704	Co	0.0146	0.0020	14	0.6	2
6/16/2008	NIST-2709	Co	0.0174	0.0017	13.4	0.7	2
6/16/2008	NIST-2711	Co	0.0155	0.0016	10	1	1
6/16/2008	NIST-2711	Co	0.0126	0.0016	10	1	1
6/16/2008	NIST-2586	Co	0.0214	0.0023	35	3.5	1
6/16/2008	MAG-1	Co	0.0197	0.0022	20	1.6	2
6/16/2008	SCO-1	Co	0.0179	0.0017	11	0.8	2
6/16/2008	SCO-1	Co	0.0197	0.0017	11	0.8	2
6/16/2008	SDO-1	Co	0.0290	0.0026	46.8	6.3	2
6/16/2008	SDO-1	Co	0.0348	0.0026	46.8	6.3	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	NIST-2704	Ni	0.0026	0.0006	44.1	3	2
6/16/2008	MAG-1	Ni	0.0029	0.0006	53	8	2
6/16/2008	BCSS-1	Ni	0.0039	0.0006	55.3	3.6	2
6/16/2008	MESS-1	Ni	0.0021	0.0005	29.5	2.7	2
6/16/2008	MESS-1	Ni	0.0026	0.0005	29.5	2.7	2
6/16/2008	NIST-2704	Ni	0.0021	0.0006	44.1	3	2
6/16/2008	NIST-2709	Ni	0.0044	0.0006	88	5	2
6/16/2008	NIST-2711	Ni	0.0021	0.0006	20.6	1.1	2
6/16/2008	NIST-2586	Ni	0.0051	0.0007	75	7.5	1
6/16/2008	MAG-1	Ni	0.0044	0.0007	53	8	2
6/16/2008	SCO-1	Ni	0.0023	0.0006	27	4	2
6/16/2008	SDO-1	Ni	0.0063	0.0008	99.5	9.9	2
6/16/2008	SDO-1	Ni	0.0058	0.0008	99.5	9.9	2
6/16/2008	NIST-2704	Cu	0.0093	0.0005	98.6	5	2
6/16/2008	MESS-1	Cu	0.0025	0.0004	25.1	3.8	2
6/16/2008	MESS-1	Cu	0.0024	0.0004	25.1	3.8	2
6/16/2008	NIST-2704	Cu	0.0097	0.0005	98.6	5	2
6/16/2008	NIST-2709	Cu	0.0027	0.0004	34.6	0.7	2
6/16/2008	MAG-1	Cu	0.0035	0.0005	30	3	2
6/16/2008	NIST-2711	Cu	0.0103	0.0005	114	2	2
6/16/2008	NIST-2711	Cu	0.0109	0.0005	114	2	2
6/16/2008	NIST-2586	Cu	0.0047	0.0005	81	8.1	1
6/16/2008	SCO-1	Cu	0.0013	0.0004	29	2	2
6/16/2008	SCO-1	Cu	0.0021	0.0004	29	2	2
6/16/2008	SDO-1	Cu	0.0037	0.0005	60.2	9.6	2
6/16/2008	SDO-1	Cu	0.0042	0.0005	60.2	9.6	2
6/16/2008	NIST-2704	Zn	0.0541	0.0009	438	12	2
6/16/2008	BCSS-1	Zn	0.0141	0.0004	119	12	2
6/16/2008	MESS-1	Zn	0.0238	0.0006	191	17	2
6/16/2008	MESS-1	Zn	0.0237	0.0006	191	17	2
6/16/2008	NIST-2704	Zn	0.0580	0.0010	438	12	2
6/16/2008	NIST-2709	Zn	0.0121	0.0004	106	3	2
6/16/2008	MAG-1	Zn	0.0162	0.0006	130	6	2
6/16/2008	NIST-2711	Zn	0.0439	0.0009	350.4	4.8	2
6/16/2008	NIST-2711	Zn	0.0466	0.0009	350.4	4.8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	NIST-2586	Zn	0.0445	0.0009	352	17.6	1
6/16/2008	MAG-1	Zn	0.0166	0.0006	130	6	2
6/16/2008	SCO-1	Zn	0.0117	0.0004	100	8	2
6/16/2008	SCO-1	Zn	0.0123	0.0004	100	8	2
6/16/2008	SDO-1	Zn	0.0070	0.0004	64.1	6.9	2
6/16/2008	SDO-1	Zn	0.0073	0.0004	64.1	6.9	2
6/16/2008	NIST-2704	As	0.0038	0.0011	23.4	0.8	2
6/16/2008	MAG-1	As	0.0029	0.0005	9.2	0.92	1
6/16/2008	BCSS-1	As	0.0032	0.0005	11.1	1.4	2
6/16/2008	MESS-1	As	0.0021	0.0005	10.6	1.2	2
6/16/2008	MESS-1	As	0.0027	0.0005	10.6	1.2	2
6/16/2008	NIST-2704	As	0.0048	0.0011	23.4	0.8	2
6/16/2008	NIST-2709	As	0.0035	0.0005	17.7	0.8	2
6/16/2008	NIST-2710	As	0.1458	0.0062	626	38	2
6/16/2008	NIST-2710	As	0.1359	0.0059	626	38	2
6/16/2008	NIST-2711	As	0.0190	0.0024	105	8	2
6/16/2008	NIST-2711	As	0.0121	0.0024	105	8	2
6/16/2008	MAG-1	As	0.0029	0.0005	9.2	0.92	1
6/16/2008	SCO-1	As	0.0024	0.0005	12	1	2
6/16/2008	SCO-1	As	0.0032	0.0005	12	1	2
6/16/2008	SDO-1	As	0.0185	0.0008	68.5	8.6	2
6/16/2008	SDO-1	As	0.0196	0.0008	68.5	8.6	2
6/16/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
6/16/2008	MAG-1	Br	0.1055	0.0013	250	25	1
6/16/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
6/16/2008	NIST-2710	Br	0.0043	0.0013	6	0.6	1
6/16/2008	NIST-2710	Br	0.0052	0.0013	6	0.6	1
6/16/2008	NIST-2711	Br	0.0030	0.0004	5	0.5	1
6/16/2008	NIST-2711	Br	0.0035	0.0004	5	0.5	1
6/16/2008	MAG-1	Br	0.1068	0.0013	250	25	1
6/16/2008	NIST-2704	Rb	0.0643	0.0014	100	10	1
6/16/2008	MAG-1	Rb	0.0953	0.0014	150	6	2
6/16/2008	NIST-2704	Rb	0.0650	0.0014	100	10	1
6/16/2008	NIST-2709	Rb	0.0565	0.0014	96	9.6	1
6/16/2008	NIST-2710	Rb	0.0826	0.0021	120	12	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	NIST-2710	Rb	0.0770	0.0021	120	12	1
6/16/2008	NIST-2711	Rb	0.0713	0.0014	110	11	1
6/16/2008	NIST-2711	Rb	0.0713	0.0014	110	11	1
6/16/2008	MAG-1	Rb	0.0904	0.0014	150	6	2
6/16/2008	SCO-1	Rb	0.0685	0.0014	110	4	2
6/16/2008	SCO-1	Rb	0.0678	0.0014	110	4	2
6/16/2008	SDO-1	Rb	0.0755	0.0014	126	3.9	2
6/16/2008	SDO-1	Rb	0.0777	0.0014	126	3.9	2
6/16/2008	NIST-2704	Sr	0.0987	0.0016	130	13	1
6/16/2008	MAG-1	Sr	0.1050	0.0016	150	15	2
6/16/2008	BCSS-1	Sr	0.0744	0.0008	96	9.6	1
6/16/2008	MESS-1	Sr	0.0682	0.0008	89	8.9	1
6/16/2008	MESS-1	Sr	0.0674	0.0008	89	8.9	1
6/16/2008	NIST-2704	Sr	0.1003	0.0016	130	13	1
6/16/2008	NIST-2709	Sr	0.1685	0.0016	231	2	2
6/16/2008	NIST-2710	Sr	0.2500	0.0024	330	33	1
6/16/2008	NIST-2710	Sr	0.2523	0.0024	330	33	1
6/16/2008	NIST-2711	Sr	0.1849	0.0016	245.3	0.7	2
6/16/2008	NIST-2711	Sr	0.1818	0.0016	245.3	0.7	2
6/16/2008	NIST-2586	Sr	0.0603	0.0008	84.1	8.41	1
6/16/2008	MAG-1	Sr	0.1050	0.0016	150	15	2
6/16/2008	SCO-1	Sr	0.1222	0.0016	170	16	2
6/16/2008	SCO-1	Sr	0.1262	0.0016	170	16	2
6/16/2008	SDO-1	Sr	0.0541	0.0008	75.1	11	2
6/16/2008	SDO-1	Sr	0.0556	0.0008	75.1	11	2
6/16/2008	NIST-2704	Zr	0.3261	0.0023	300	30	1
6/16/2008	MAG-1	Zr	0.1274	0.0023	130	13	2
6/16/2008	NIST-2704	Zr	0.3121	0.0023	300	30	1
6/16/2008	NIST-2709	Zr	0.1461	0.0023	160	16	1
6/16/2008	NIST-2711	Zr	0.2759	0.0023	230	23	1
6/16/2008	NIST-2711	Zr	0.2724	0.0023	230	23	1
6/16/2008	MAG-1	Zr	0.1297	0.0023	130	13	2
6/16/2008	SCO-1	Zr	0.1800	0.0023	160	30	2
6/16/2008	SCO-1	Zr	0.1718	0.0023	160	30	2
6/16/2008	SDO-1	Zr	0.1601	0.0023	165	24	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	SDO-1	Zr	0.1566	0.0023	165	24	2
6/16/2008	NIST-2704	I-LEAP	0.0357	0.0060	2	0.2	1
6/16/2008	MAG-1	I-LEAP	0.0343	0.0052	380	38	1
6/16/2008	NIST-2704	I-LEAP	0.0363	0.0061	2	0.2	1
6/16/2008	NIST-2709	I-LEAP	0.0204	0.0050	5	0.5	1
6/16/2008	NIST-2711	I-LEAP	0.0311	0.0053	3	0.3	1
6/16/2008	NIST-2711	I-LEAP	0.0331	0.0053	3	0.3	1
6/16/2008	MAG-1	I-LEAP	0.0415	0.0054	380	38	1
6/16/2008	NIST-2704	Ba	0.0743	0.0048	414	12	2
6/16/2008	MAG-1	Ba	0.0900	0.0052	480	41	2
6/16/2008	NIST-2704	Ba	0.0760	0.0050	414	12	2
6/16/2008	NIST-2709	Ba	0.0841	0.0044	968	40	2
6/16/2008	NIST-2710	Ba	0.0812	0.0050	707	51	2
6/16/2008	NIST-2710	Ba	0.0856	0.0050	707	51	2
6/16/2008	NIST-2711	Ba	0.0689	0.0040	726	38	2
6/16/2008	NIST-2711	Ba	0.0609	0.0038	726	38	2
6/16/2008	NIST-2586	Ba	0.0908	0.0057	413	16.52	1
6/16/2008	MAG-1	Ba	0.0867	0.0052	480	41	2
6/16/2008	SCO-1	Ba	0.0812	0.0044	570	30	2
6/16/2008	SCO-1	Ba	0.0865	0.0044	570	30	2
6/16/2008	SDO-1	Ba	0.0869	0.0056	397	38	2
6/16/2008	SDO-1	Ba	0.0988	0.0057	397	38	2
6/16/2008	NIST-2704	Hg	0.0012	0.0003	1.44	0.07	2
6/16/2008	MAG-1	Hg	0.0008	0.0003	0.02	0.002	1
6/16/2008	NIST-2704	Hg	0.0013	0.0003	1.44	0.07	2
6/16/2008	NIST-2710	Hg	0.0130	0.0008	32.6	1.8	2
6/16/2008	NIST-2710	Hg	0.0133	0.0008	32.6	1.8	2
6/16/2008	NIST-2711	Hg	0.0030	0.0004	6.25	0.19	2
6/16/2008	NIST-2711	Hg	0.0024	0.0004	6.25	0.19	2
6/16/2008	NIST-2586	Hg	0.0013	0.0003	0.37	0.04	1
6/16/2008	MAG-1	Hg	0.0008	0.0003	0.02	0.002	1
6/16/2008	SDO-1	Hg	0.0009	0.0003	0.19	0.08	2
6/16/2008	SDO-1	Hg	0.0009	0.0003	0.19	0.08	2
6/16/2008	NIST-2704	Pb	0.0311	0.0009	161	17	2
6/16/2008	BCSS-1	Pb	0.0037	0.0004	22.7	3.4	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/16/2008	MESS-1	Pb	0.0060	0.0004	34	6.1	2
6/16/2008	MESS-1	Pb	0.0060	0.0004	34	6.1	2
6/16/2008	NIST-2704	Pb	0.0302	0.0009	161	17	2
6/16/2008	NIST-2709	Pb	0.0037	0.0004	18.9	0.5	2
6/16/2008	MAG-1	Pb	0.0043	0.0004	24	3	2
6/16/2008	NIST-2711	Pb	0.2317	0.0019	1162	31	2
6/16/2008	NIST-2711	Pb	0.2368	0.0022	1162	31	2
6/16/2008	NIST-2586	Pb	0.0848	0.0013	432	17.28	2
6/16/2008	MAG-1	Pb	0.0039	0.0004	24	3	2
6/16/2008	SCO-1	Pb	0.0058	0.0004	31	3	2
6/16/2008	SCO-1	Pb	0.0047	0.0004	31	3	2
6/16/2008	SDO-1	Pb	0.0050	0.0004	27.9	5.2	2
6/16/2008	SDO-1	Pb	0.0047	0.0004	27.9	5.2	2
6/16/2008	NIST-2704	U	0.0045	0.0008	3.13	0.13	2
6/16/2008	MAG-1	U	0.0045	0.0008	2.7	0.3	2
6/16/2008	NIST-2704	U	0.0042	0.0008	3.13	0.13	2
6/16/2008	NIST-2709	U	0.0047	0.0008	3	0.3	1
6/16/2008	NIST-2710	U	0.0129	0.0011	25	2.5	1
6/16/2008	NIST-2710	U	0.0142	0.0011	25	2.5	1
6/16/2008	NIST-2711	U	0.0058	0.0008	2.6	0.26	1
6/16/2008	NIST-2711	U	0.0055	0.0008	2.6	0.26	1
6/16/2008	MAG-1	U	0.0053	0.0008	2.7	0.3	2
6/16/2008	SDO-1	U	0.0150	0.0011	48.8	6.5	2
6/16/2008	SDO-1	U	0.0166	0.0011	48.8	6.5	2
6/18/2008	MESS-1	S-LEAP	0.0071	0.0016	7200	500	2
6/18/2008	NIST-2710	S-LEAP	0.0084	0.0020	2400	60	2
6/18/2008	BCSS-1	S-LEAP	0.0052	0.0016	3600	500	2
6/18/2008	SDO-1	S-LEAP	0.0379	0.0026	53500	4400	2
6/18/2008	MESS-1	CI-LEAP	0.0416	0.0025	8200	700	2
6/18/2008	MAG-1	CI-LEAP	0.1011	0.0036	31000	600	2
6/18/2008	BCSS-1	CI-LEAP	0.0441	0.0025	11200	500	2
6/18/2008	BCSS-1	CI-LEAP	0.0421	0.0025	11200	500	2
6/18/2008	MESS-1	K-LEAP	0.2954	0.0048	18595	332	2
6/18/2008	NIST-2704	K-LEAP	0.3723	0.0058	20000	400	2
6/18/2008	NIST-2710	K-LEAP	0.3658	0.0061	21100	1100	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	MAG-1	K-LEAP	0.4911	0.0070	29470	1411	2
6/18/2008	BCSS-1	K-LEAP	0.2832	0.0047	18014	332	2
6/18/2008	BCSS-1	K-LEAP	0.2880	0.0047	18014	332	2
6/18/2008	NIST-2709	K-LEAP	0.3046	0.0047	20300	600	2
6/18/2008	NIST-2709	K-LEAP	0.3115	0.0051	20300	600	2
6/18/2008	NIST-2711	K-LEAP	0.3923	0.0056	24500	800	2
6/18/2008	NIST-2711	K-LEAP	0.3894	0.0057	24500	800	2
6/18/2008	NIST-2586	K-LEAP	0.1826	0.0043	9760	195.2	1
6/18/2008	NIST-2586	K-LEAP	0.1756	0.0043	9760	195.2	1
6/18/2008	SCO-1	K-LEAP	0.3522	0.0054	22995	664	2
6/18/2008	SCO-1	K-LEAP	0.3555	0.0055	22995	664	2
6/18/2008	SDO-1	K-LEAP	0.5129	0.0074	27810	506	2
6/18/2008	MESS-1	Ca-LEAP	0.1426	0.0041	4817	457	2
6/18/2008	NIST-2704	Ca-LEAP	0.9493	0.0110	26000	300	2
6/18/2008	NIST-2710	Ca-LEAP	0.4321	0.0073	12500	300	2
6/18/2008	MAG-1	Ca-LEAP	0.3202	0.0062	9791	715	2
6/18/2008	BCSS-1	Ca-LEAP	0.1857	0.0044	5432	529	2
6/18/2008	BCSS-1	Ca-LEAP	0.1927	0.0045	5432	529	2
6/18/2008	NIST-2709	Ca-LEAP	0.6324	0.0078	18900	500	2
6/18/2008	NIST-2709	Ca-LEAP	0.6360	0.0082	18900	500	2
6/18/2008	NIST-2711	Ca-LEAP	0.9793	0.0107	28800	800	2
6/18/2008	NIST-2711	Ca-LEAP	0.9764	0.0108	28800	800	2
6/18/2008	NIST-2586	Ca-LEAP	0.7260	0.0094	22180	443.6	1
6/18/2008	NIST-2586	Ca-LEAP	0.7523	0.0098	22180	443.6	1
6/18/2008	SCO-1	Ca-LEAP	0.6633	0.0084	18725	1429	2
6/18/2008	SCO-1	Ca-LEAP	0.6698	0.0085	18725	1429	2
6/18/2008	SDO-1	Ca-LEAP	0.2694	0.0061	7504	336	2
6/18/2008	MESS-1	Ti-LEAP	0.4339	0.0092	5425	168	2
6/18/2008	NIST-2704	Ti-LEAP	0.4035	0.0097	4570	180	2
6/18/2008	NIST-2710	Ti-LEAP	0.2594	0.0092	2830	100	2
6/18/2008	MAG-1	Ti-LEAP	0.3618	0.0099	4496	420	2
6/18/2008	BCSS-1	Ti-LEAP	0.3759	0.0086	4400	144	2
6/18/2008	BCSS-1	Ti-LEAP	0.3601	0.0085	4400	144	2
6/18/2008	NIST-2709	Ti-LEAP	0.2703	0.0081	3420	240	2
6/18/2008	NIST-2709	Ti-LEAP	0.2650	0.0083	3420	240	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	NIST-2711	Ti-LEAP	0.2262	0.0074	3060	230	2
6/18/2008	NIST-2711	Ti-LEAP	0.2544	0.0076	3060	230	2
6/18/2008	NIST-2586	Ti-LEAP	0.5815	0.0118	6050	665.5	1
6/18/2008	NIST-2586	Ti-LEAP	0.5979	0.0123	6050	665.5	1
6/18/2008	SCO-1	Ti-LEAP	0.2774	0.0083	3776	360	2
6/18/2008	SCO-1	Ti-LEAP	0.2800	0.0083	3776	360	2
6/18/2008	SDO-1	Ti-LEAP	0.3995	0.0109	4256	186	2
6/18/2008	MESS-1	Ti	0.0252	0.0007	5425	168	2
6/18/2008	NIST-2704	Ti	0.0239	0.0007	4570	180	2
6/18/2008	BCSS-1	Ti	0.0196	0.0006	4400	144	2
6/18/2008	BCSS-1	Ti	0.0216	0.0007	4400	144	2
6/18/2008	NIST-2709	Ti	0.0169	0.0006	3420	240	2
6/18/2008	NIST-2709	Ti	0.0171	0.0006	3420	240	2
6/18/2008	MAG-1	Ti	0.0240	0.0008	4496	420	2
6/18/2008	NIST-2711	Ti	0.0151	0.0006	3060	230	2
6/18/2008	NIST-2711	Ti	0.0155	0.0006	3060	230	2
6/18/2008	NIST-2586	Ti	0.0357	0.0009	6050	665.5	1
6/18/2008	NIST-2586	Ti	0.0343	0.0009	6050	665.5	1
6/18/2008	SCO-1	Ti	0.0173	0.0006	3776	360	2
6/18/2008	SCO-1	Ti	0.0163	0.0006	3776	360	2
6/18/2008	SDO-1	Ti	0.0223	0.0008	4256	186	2
6/18/2008	MESS-1	V	0.0024	0.0004	72.4	17	2
6/18/2008	NIST-2704	V	0.0014	0.0004	95	4	2
6/18/2008	NIST-2710	V	0.0031	0.0005	76.6	2.3	2
6/18/2008	MAG-1	V	0.0031	0.0005	140	6	2
6/18/2008	BCSS-1	V	0.0018	0.0004	93.4	4.9	2
6/18/2008	BCSS-1	V	0.0017	0.0004	93.4	4.9	2
6/18/2008	NIST-2709	V	0.0024	0.0004	112	5	2
6/18/2008	NIST-2709	V	0.0025	0.0004	112	5	2
6/18/2008	NIST-2711	V	0.0027	0.0004	81.6	2.9	2
6/18/2008	NIST-2711	V	0.0020	0.0004	81.6	2.9	2
6/18/2008	NIST-2586	V	0.0020	0.0005	160	16	1
6/18/2008	NIST-2586	V	0.0033	0.0005	160	16	1
6/18/2008	SCO-1	V	0.0019	0.0004	130	13	2
6/18/2008	SCO-1	V	0.0024	0.0004	130	13	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	SDO-1	V	0.0033	0.0005	160	21	2
6/18/2008	MESS-1	Cr-LEAP	0.0246	0.0028	71	11	2
6/18/2008	NIST-2704	Cr-LEAP	0.0397	0.0032	135	5	2
6/18/2008	BCSS-1	Cr-LEAP	0.0331	0.0028	123	14	2
6/18/2008	BCSS-1	Cr-LEAP	0.0404	0.0028	123	14	2
6/18/2008	NIST-2709	Cr-LEAP	0.0385	0.0028	130	4	2
6/18/2008	NIST-2709	Cr-LEAP	0.0356	0.0028	130	4	2
6/18/2008	MAG-1	Cr-LEAP	0.0369	0.0035	97	8	2
6/18/2008	NIST-2711	Cr-LEAP	0.0186	0.0025	47	4.7	1
6/18/2008	NIST-2711	Cr-LEAP	0.0173	0.0025	47	4.7	1
6/18/2008	NIST-2586	Cr-LEAP	0.0896	0.0041	301	45.15	2
6/18/2008	NIST-2586	Cr-LEAP	0.0886	0.0041	301	45.15	2
6/18/2008	SCO-1	Cr-LEAP	0.0230	0.0028	68	5	2
6/18/2008	SCO-1	Cr-LEAP	0.0221	0.0028	68	5	2
6/18/2008	SDO-1	Cr-LEAP	0.0211	0.0038	66.4	7.6	2
6/18/2008	MESS-1	Cr	0.0012	0.0004	71	11	2
6/18/2008	NIST-2704	Cr	0.0027	0.0004	135	5	2
6/18/2008	MAG-1	Cr	0.0019	0.0005	97	8	2
6/18/2008	BCSS-1	Cr	0.0022	0.0004	123	14	2
6/18/2008	BCSS-1	Cr	0.0032	0.0004	123	14	2
6/18/2008	NIST-2709	Cr	0.0020	0.0004	130	4	2
6/18/2008	NIST-2709	Cr	0.0019	0.0004	130	4	2
6/18/2008	NIST-2711	Cr	0.0017	0.0004	47	4.7	1
6/18/2008	NIST-2586	Cr	0.0054	0.0005	301	45.15	2
6/18/2008	NIST-2586	Cr	0.0047	0.0005	301	45.15	2
6/18/2008	SCO-1	Cr	0.0013	0.0004	68	5	2
6/18/2008	MESS-1	Mn-LEAP	0.1835	0.0050	513	25	2
6/18/2008	NIST-2704	Mn-LEAP	0.2382	0.0059	555	19	2
6/18/2008	BCSS-1	Mn-LEAP	0.1032	0.0046	229	15	2
6/18/2008	BCSS-1	Mn-LEAP	0.0844	0.0042	229	15	2
6/18/2008	NIST-2709	Mn-LEAP	0.2169	0.0050	538	17	2
6/18/2008	NIST-2709	Mn-LEAP	0.2232	0.0054	538	17	2
6/18/2008	MAG-1	Mn-LEAP	0.3210	0.0067	759	70	2
6/18/2008	NIST-2711	Mn-LEAP	0.2324	0.0050	638	28	2
6/18/2008	NIST-2711	Mn-LEAP	0.2420	0.0054	638	28	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	NIST-2586	Mn-LEAP	0.4389	0.0079	1000	20	1
6/18/2008	NIST-2586	Mn-LEAP	0.4092	0.0075	1000	20	1
6/18/2008	SCO-1	Mn-LEAP	0.1555	0.0050	410	30	2
6/18/2008	SCO-1	Mn-LEAP	0.1492	0.0050	410	30	2
6/18/2008	SDO-1	Mn-LEAP	0.1513	0.0063	325	39	2
6/18/2008	MESS-1	Mn	0.0113	0.0006	513	25	2
6/18/2008	NIST-2704	Mn	0.0154	0.0007	555	19	2
6/18/2008	BCSS-1	Mn	0.0076	0.0006	229	15	2
6/18/2008	BCSS-1	Mn	0.0063	0.0006	229	15	2
6/18/2008	NIST-2709	Mn	0.0147	0.0006	538	17	2
6/18/2008	NIST-2709	Mn	0.0138	0.0006	538	17	2
6/18/2008	MAG-1	Mn	0.0210	0.0008	759	70	2
6/18/2008	NIST-2711	Mn	0.0147	0.0006	638	28	2
6/18/2008	NIST-2711	Mn	0.0146	0.0006	638	28	2
6/18/2008	NIST-2586	Mn	0.0274	0.0009	1000	20	1
6/18/2008	NIST-2586	Mn	0.0248	0.0009	1000	20	1
6/18/2008	SCO-1	Mn	0.0105	0.0006	410	30	2
6/18/2008	SCO-1	Mn	0.0096	0.0006	410	30	2
6/18/2008	SDO-1	Mn	0.0117	0.0008	325	39	2
6/18/2008	MESS-1	Fe-LEAP	15.5084	0.1200	30495	1749	2
6/18/2008	NIST-2704	Fe-LEAP	20.8408	0.1656	41100	1000	2
6/18/2008	BCSS-1	Fe-LEAP	16.6054	0.1271	32873	979	2
6/18/2008	BCSS-1	Fe-LEAP	16.6765	0.1276	32873	979	2
6/18/2008	NIST-2709	Fe-LEAP	17.5666	0.1287	35000	1100	2
6/18/2008	NIST-2709	Fe-LEAP	17.9326	0.1390	35000	1100	2
6/18/2008	MAG-1	Fe-LEAP	25.3363	0.2064	47561	4197	2
6/18/2008	NIST-2711	Fe-LEAP	13.7852	0.1054	28900	600	2
6/18/2008	NIST-2711	Fe-LEAP	13.8868	0.1075	28900	600	2
6/18/2008	NIST-2586	Fe-LEAP	26.7678	0.2172	51610	1032.2	1
6/18/2008	NIST-2586	Fe-LEAP	27.2305	0.2248	51610	1032.2	1
6/18/2008	SCO-1	Fe-LEAP	17.6622	0.1363	35881	1259	2
6/18/2008	SCO-1	Fe-LEAP	17.7485	0.1379	35881	1259	2
6/18/2008	SDO-1	Fe-LEAP	33.7196	0.2829	65327	1469	2
6/18/2008	MESS-1	Fe	0.9901	0.0052	30495	1749	2
6/18/2008	NIST-2704	Fe	1.4063	0.0071	41100	1000	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	BCSS-1	Fe	1.0650	0.0055	32873	979	2
6/18/2008	BCSS-1	Fe	1.0820	0.0056	32873	979	2
6/18/2008	NIST-2709	Fe	1.1372	0.0057	35000	1100	2
6/18/2008	NIST-2709	Fe	1.1256	0.0057	35000	1100	2
6/18/2008	MAG-1	Fe	1.6746	0.0083	47561	4197	2
6/18/2008	NIST-2711	Fe	0.9238	0.0051	28900	600	2
6/18/2008	NIST-2711	Fe	0.9159	0.0050	28900	600	2
6/18/2008	NIST-2586	Fe	1.8194	0.0090	51610	1032.2	1
6/18/2008	NIST-2586	Fe	1.8219	0.0090	51610	1032.2	1
6/18/2008	SCO-1	Fe	1.1312	0.0058	35881	1259	2
6/18/2008	SCO-1	Fe	1.1270	0.0058	35881	1259	2
6/18/2008	SDO-1	Fe	2.3366	0.0113	65327	1469	2
6/18/2008	MESS-1	Co	0.0112	0.0016	10.8	1.9	2
6/18/2008	NIST-2704	Co	0.0164	0.0019	14	0.6	2
6/18/2008	MAG-1	Co	0.0215	0.0022	20	1.6	2
6/18/2008	BCSS-1	Co	0.0145	0.0016	11.4	2.1	2
6/18/2008	BCSS-1	Co	0.0144	0.0017	11.4	2.1	2
6/18/2008	NIST-2709	Co	0.0165	0.0017	13.4	0.7	2
6/18/2008	NIST-2709	Co	0.0159	0.0017	13.4	0.7	2
6/18/2008	NIST-2711	Co	0.0158	0.0016	10	1	1
6/18/2008	NIST-2711	Co	0.0149	0.0016	10	1	1
6/18/2008	NIST-2586	Co	0.0297	0.0023	35	3.5	1
6/18/2008	NIST-2586	Co	0.0242	0.0023	35	3.5	1
6/18/2008	SCO-1	Co	0.0153	0.0017	11	0.8	2
6/18/2008	SCO-1	Co	0.0129	0.0017	11	0.8	2
6/18/2008	SDO-1	Co	0.0407	0.0026	46.8	6.3	2
6/18/2008	MESS-1	Ni	0.0034	0.0005	29.5	2.7	2
6/18/2008	NIST-2704	Ni	0.0046	0.0006	44.1	3	2
6/18/2008	MAG-1	Ni	0.0047	0.0007	53	8	2
6/18/2008	BCSS-1	Ni	0.0044	0.0006	55.3	3.6	2
6/18/2008	BCSS-1	Ni	0.0051	0.0006	55.3	3.6	2
6/18/2008	NIST-2709	Ni	0.0064	0.0006	88	5	2
6/18/2008	NIST-2709	Ni	0.0061	0.0006	88	5	2
6/18/2008	NIST-2711	Ni	0.0019	0.0006	20.6	1.1	2
6/18/2008	NIST-2711	Ni	0.0026	0.0006	20.6	1.1	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	NIST-2586	Ni	0.0054	0.0007	75	7.5	1
6/18/2008	NIST-2586	Ni	0.0067	0.0007	75	7.5	1
6/18/2008	SCO-1	Ni	0.0038	0.0006	27	4	2
6/18/2008	SCO-1	Ni	0.0039	0.0006	27	4	2
6/18/2008	SDO-1	Ni	0.0054	0.0008	99.5	9.9	2
6/18/2008	NIST-2704	Cu	0.0097	0.0005	98.6	5	2
6/18/2008	BCSS-1	Cu	0.0020	0.0004	18.5	2.7	2
6/18/2008	NIST-2709	Cu	0.0025	0.0004	34.6	0.7	2
6/18/2008	NIST-2709	Cu	0.0030	0.0004	34.6	0.7	2
6/18/2008	MAG-1	Cu	0.0020	0.0004	30	3	2
6/18/2008	NIST-2711	Cu	0.0098	0.0005	114	2	2
6/18/2008	NIST-2711	Cu	0.0099	0.0005	114	2	2
6/18/2008	NIST-2586	Cu	0.0065	0.0005	81	8.1	1
6/18/2008	NIST-2586	Cu	0.0063	0.0005	81	8.1	1
6/18/2008	SCO-1	Cu	0.0021	0.0004	29	2	2
6/18/2008	SCO-1	Cu	0.0023	0.0004	29	2	2
6/18/2008	SDO-1	Cu	0.0038	0.0005	60.2	9.6	2
6/18/2008	MESS-1	Zn	0.0246	0.0006	191	17	2
6/18/2008	NIST-2704	Zn	0.0564	0.0009	438	12	2
6/18/2008	BCSS-1	Zn	0.0129	0.0004	119	12	2
6/18/2008	BCSS-1	Zn	0.0124	0.0004	119	12	2
6/18/2008	NIST-2709	Zn	0.0138	0.0004	106	3	2
6/18/2008	NIST-2709	Zn	0.0130	0.0004	106	3	2
6/18/2008	MAG-1	Zn	0.0163	0.0006	130	6	2
6/18/2008	NIST-2711	Zn	0.0441	0.0009	350.4	4.8	2
6/18/2008	NIST-2711	Zn	0.0436	0.0009	350.4	4.8	2
6/18/2008	NIST-2586	Zn	0.0433	0.0009	352	17.6	1
6/18/2008	NIST-2586	Zn	0.0433	0.0009	352	17.6	1
6/18/2008	SCO-1	Zn	0.0130	0.0004	100	8	2
6/18/2008	SCO-1	Zn	0.0123	0.0004	100	8	2
6/18/2008	SDO-1	Zn	0.0070	0.0004	64.1	6.9	2
6/18/2008	MESS-1	As	0.0019	0.0005	10.6	1.2	2
6/18/2008	NIST-2704	As	0.0038	0.0011	23.4	0.8	2
6/18/2008	NIST-2710	As	0.1268	0.0059	626	38	2
6/18/2008	BCSS-1	As	0.0027	0.0005	11.1	1.4	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	BCSS-1	As	0.0024	0.0005	11.1	1.4	2
6/18/2008	NIST-2709	As	0.0040	0.0005	17.7	0.8	2
6/18/2008	NIST-2709	As	0.0043	0.0005	17.7	0.8	2
6/18/2008	NIST-2711	As	0.0145	0.0024	105	8	2
6/18/2008	NIST-2711	As	0.0131	0.0024	105	8	2
6/18/2008	SCO-1	As	0.0029	0.0005	12	1	2
6/18/2008	SCO-1	As	0.0029	0.0005	12	1	2
6/18/2008	SDO-1	As	0.0177	0.0008	68.5	8.6	2
6/18/2008	NIST-2704	Br	0.0030	0.0004	7	0.7	1
6/18/2008	MAG-1	Br	0.1046	0.0013	250	25	1
6/18/2008	NIST-2711	Br	0.0039	0.0004	5	0.5	1
6/18/2008	NIST-2711	Br	0.0039	0.0004	5	0.5	1
6/18/2008	NIST-2704	Rb	0.0607	0.0014	100	10	1
6/18/2008	NIST-2710	Rb	0.0763	0.0021	120	12	1
6/18/2008	MAG-1	Rb	0.0876	0.0014	150	6	2
6/18/2008	NIST-2709	Rb	0.0544	0.0014	96	9.6	1
6/18/2008	NIST-2709	Rb	0.0530	0.0014	96	9.6	1
6/18/2008	NIST-2711	Rb	0.0699	0.0014	110	11	1
6/18/2008	NIST-2711	Rb	0.0671	0.0014	110	11	1
6/18/2008	SCO-1	Rb	0.0671	0.0014	110	4	2
6/18/2008	SCO-1	Rb	0.0671	0.0014	110	4	2
6/18/2008	SDO-1	Rb	0.0734	0.0014	126	3.9	2
6/18/2008	MESS-1	Sr	0.0682	0.0008	89	8.9	1
6/18/2008	NIST-2704	Sr	0.0987	0.0016	130	13	1
6/18/2008	NIST-2710	Sr	0.2453	0.0024	330	33	1
6/18/2008	MAG-1	Sr	0.0987	0.0016	150	15	2
6/18/2008	BCSS-1	Sr	0.0752	0.0008	96	9.6	1
6/18/2008	BCSS-1	Sr	0.0760	0.0008	96	9.6	1
6/18/2008	NIST-2709	Sr	0.1661	0.0016	231	2	2
6/18/2008	NIST-2709	Sr	0.1661	0.0016	231	2	2
6/18/2008	NIST-2711	Sr	0.1841	0.0016	245.3	0.7	2
6/18/2008	NIST-2711	Sr	0.1810	0.0016	245.3	0.7	2
6/18/2008	NIST-2586	Sr	0.0596	0.0008	84.1	8.41	1
6/18/2008	NIST-2586	Sr	0.0596	0.0008	84.1	8.41	1
6/18/2008	SCO-1	Sr	0.1199	0.0016	170	16	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	SCO-1	Sr	0.1175	0.0016	170	16	2
6/18/2008	SDO-1	Sr	0.0549	0.0008	75.1	11	2
6/18/2008	NIST-2704	Zr	0.3308	0.0023	300	30	1
6/18/2008	MAG-1	Zr	0.1227	0.0023	130	13	2
6/18/2008	NIST-2709	Zr	0.1438	0.0023	160	16	1
6/18/2008	NIST-2709	Zr	0.1485	0.0023	160	16	1
6/18/2008	NIST-2711	Zr	0.2712	0.0023	230	23	1
6/18/2008	NIST-2711	Zr	0.2724	0.0023	230	23	1
6/18/2008	SCO-1	Zr	0.1742	0.0023	160	30	2
6/18/2008	SCO-1	Zr	0.1695	0.0023	160	30	2
6/18/2008	SDO-1	Zr	0.1625	0.0023	165	24	2
6/18/2008	NIST-2704	I-LEAP	0.0525	0.0060	2	0.2	1
6/18/2008	MAG-1	I-LEAP	0.0421	0.0052	380	38	1
6/18/2008	NIST-2709	I-LEAP	0.0398	0.0049	5	0.5	1
6/18/2008	NIST-2709	I-LEAP	0.0303	0.0050	5	0.5	1
6/18/2008	NIST-2711	I-LEAP	0.0391	0.0052	3	0.3	1
6/18/2008	NIST-2711	I-LEAP	0.0370	0.0053	3	0.3	1
6/18/2008	NIST-2704	Ba	0.0804	0.0048	414	12	2
6/18/2008	NIST-2710	Ba	0.0879	0.0050	707	51	2
6/18/2008	MAG-1	Ba	0.0906	0.0052	480	41	2
6/18/2008	NIST-2709	Ba	0.0890	0.0042	968	40	2
6/18/2008	NIST-2709	Ba	0.0915	0.0044	968	40	2
6/18/2008	NIST-2711	Ba	0.0726	0.0038	726	38	2
6/18/2008	NIST-2711	Ba	0.0613	0.0038	726	38	2
6/18/2008	NIST-2586	Ba	0.0957	0.0056	413	16.52	1
6/18/2008	NIST-2586	Ba	0.1043	0.0057	413	16.52	1
6/18/2008	SCO-1	Ba	0.0854	0.0044	570	30	2
6/18/2008	SCO-1	Ba	0.0818	0.0044	570	30	2
6/18/2008	SDO-1	Ba	0.0969	0.0057	397	38	2
6/18/2008	NIST-2704	Hg	0.0009	0.0003	1.44	0.07	2
6/18/2008	NIST-2710	Hg	0.0147	0.0008	32.6	1.8	2
6/18/2008	MAG-1	Hg	0.0009	0.0003	0.02	0.002	1
6/18/2008	NIST-2709	Hg	0.0008	0.0003	1.4	0.08	2
6/18/2008	NIST-2709	Hg	0.0007	0.0003	1.4	0.08	2
6/18/2008	NIST-2711	Hg	0.0024	0.0004	6.25	0.19	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
6/18/2008	NIST-2711	Hg	0.0020	0.0003	6.25	0.19	2
6/18/2008	NIST-2586	Hg	0.0011	0.0003	0.37	0.04	1
6/18/2008	NIST-2586	Hg	0.0009	0.0003	0.37	0.04	1
6/18/2008	SDO-1	Hg	0.0008	0.0003	0.19	0.08	2
6/18/2008	MESS-1	Pb	0.0067	0.0004	34	6.1	2
6/18/2008	NIST-2704	Pb	0.0304	0.0009	161	17	2
6/18/2008	BCSS-1	Pb	0.0041	0.0004	22.7	3.4	2
6/18/2008	BCSS-1	Pb	0.0041	0.0004	22.7	3.4	2
6/18/2008	NIST-2709	Pb	0.0032	0.0004	18.9	0.5	2
6/18/2008	NIST-2709	Pb	0.0030	0.0004	18.9	0.5	2
6/18/2008	MAG-1	Pb	0.0047	0.0004	24	3	2
6/18/2008	NIST-2711	Pb	0.2353	0.0022	1162	31	2
6/18/2008	NIST-2711	Pb	0.2306	0.0019	1162	31	2
6/18/2008	NIST-2586	Pb	0.0842	0.0013	432	17.28	2
6/18/2008	NIST-2586	Pb	0.0818	0.0013	432	17.28	2
6/18/2008	SCO-1	Pb	0.0052	0.0004	31	3	2
6/18/2008	SCO-1	Pb	0.0054	0.0004	31	3	2
6/18/2008	SDO-1	Pb	0.0054	0.0004	27.9	5.2	2
6/18/2008	NIST-2704	U	0.0063	0.0008	3.13	0.13	2
6/18/2008	NIST-2710	U	0.0137	0.0011	25	2.5	1
6/18/2008	MAG-1	U	0.0066	0.0008	2.7	0.3	2
6/18/2008	NIST-2709	U	0.0060	0.0008	3	0.3	1
6/18/2008	NIST-2709	U	0.0076	0.0008	3	0.3	1
6/18/2008	NIST-2711	U	0.0066	0.0008	2.6	0.26	1
6/18/2008	NIST-2711	U	0.0074	0.0008	2.6	0.26	1
6/18/2008	SDO-1	U	0.0163	0.0011	48.8	6.5	2
11/14/2008	MESS-1	S-LEAP	0.0064	0.0015	7200	500	2
11/14/2008	NIST-2710	S-LEAP	0.0085	0.0019	2400	60	2
11/14/2008	SDO-1	S-LEAP	0.0165	0.0019	53500	4400	2
11/14/2008	BCSS-1	CI-LEAP	0.0351	0.0023	11200	500	2
11/14/2008	MESS-1	CI-LEAP	0.0422	0.0023	8200	700	2
11/14/2008	MAG-1	CI-LEAP	0.0875	0.0033	31000	600	2
11/14/2008	BCSS-1	K-LEAP	0.2784	0.0045	18014	332	2
11/14/2008	MESS-1	K-LEAP	0.2667	0.0044	18595	332	2
11/14/2008	NIST-2704	K-LEAP	0.3525	0.0054	20000	400	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
11/14/2008	NIST-2709	K-LEAP	0.2801	0.0046	20300	600	2
11/14/2008	NIST-2710	K-LEAP	0.3475	0.0058	21100	1100	2
11/14/2008	NIST-2711	K-LEAP	0.3640	0.0052	24500	800	2
11/14/2008	NIST-2586	K-LEAP	0.1718	0.0040	9760	195.2	1
11/14/2008	MAG-1	K-LEAP	0.4686	0.0065	29470	1411	2
11/14/2008	SCO-1	K-LEAP	0.3300	0.0050	22995	664	2
11/14/2008	BCSS-1	Ca-LEAP	0.1746	0.0041	5432	529	2
11/14/2008	MESS-1	Ca-LEAP	0.1309	0.0037	4817	457	2
11/14/2008	NIST-2704	Ca-LEAP	0.8931	0.0101	26000	300	2
11/14/2008	NIST-2709	Ca-LEAP	0.5821	0.0074	18900	500	2
11/14/2008	NIST-2710	Ca-LEAP	0.4106	0.0069	12500	300	2
11/14/2008	NIST-2711	Ca-LEAP	0.9286	0.0099	28800	800	2
11/14/2008	NIST-2586	Ca-LEAP	0.6760	0.0087	22180	443.6	1
11/14/2008	MAG-1	Ca-LEAP	0.3030	0.0058	9791	715	2
11/14/2008	SCO-1	Ca-LEAP	0.6088	0.0076	18725	1429	2
11/14/2008	BCSS-1	Ti-LEAP	0.3625	0.0081	4400	144	2
11/14/2008	MESS-1	Ti-LEAP	0.3796	0.0083	5425	168	2
11/14/2008	NIST-2704	Ti-LEAP	0.3956	0.0091	4570	180	2
11/14/2008	NIST-2709	Ti-LEAP	0.2476	0.0078	3420	240	2
11/14/2008	NIST-2710	Ti-LEAP	0.2391	0.0087	2830	100	2
11/14/2008	NIST-2711	Ti-LEAP	0.2120	0.0071	3060	230	2
11/14/2008	NIST-2586	Ti-LEAP	0.5354	0.0111	6050	665.5	1
11/14/2008	MAG-1	Ti-LEAP	0.3385	0.0094	4496	420	2
11/14/2008	SCO-1	Ti-LEAP	0.2606	0.0076	3776	360	2
11/14/2008	SDO-1	Ti-LEAP	0.3545	0.0092	4256	186	2
11/14/2008	BCSS-1	Ti	0.0220	0.0007	4400	144	2
11/14/2008	MESS-1	Ti	0.0244	0.0007	5425	168	2
11/14/2008	NIST-2704	Ti	0.0234	0.0007	4570	180	2
11/14/2008	NIST-2709	Ti	0.0124	0.0019	3420	240	2
11/14/2008	NIST-2711	Ti	0.0154	0.0006	3060	230	2
11/14/2008	NIST-2586	Ti	0.0342	0.0009	6050	665.5	1
11/14/2008	MAG-1	Ti	0.0226	0.0008	4496	420	2
11/14/2008	SCO-1	Ti	0.0169	0.0006	3776	360	2
11/14/2008	SDO-1	Ti	0.0251	0.0008	4256	186	2
11/14/2008	BCSS-1	V	0.0019	0.0004	93.4	4.9	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
11/14/2008	MESS-1	V	0.0017	0.0004	72.4	17	2
11/14/2008	NIST-2704	V	0.0025	0.0004	95	4	2
11/14/2008	NIST-2710	V	0.0019	0.0005	76.6	2.3	2
11/14/2008	NIST-2711	V	0.0023	0.0004	81.6	2.9	2
11/14/2008	NIST-2586	V	0.0041	0.0005	160	16	1
11/14/2008	MAG-1	V	0.0037	0.0005	140	6	2
11/14/2008	SCO-1	V	0.0029	0.0004	130	13	2
11/14/2008	BCSS-1	Cr-LEAP	0.0410	0.0028	123	14	2
11/14/2008	MESS-1	Cr-LEAP	0.0158	0.0025	71	11	2
11/14/2008	NIST-2704	Cr-LEAP	0.0375	0.0028	135	5	2
11/14/2008	NIST-2709	Cr-LEAP	0.0375	0.0028	130	4	2
11/14/2008	NIST-2711	Cr-LEAP	0.0120	0.0022	47	4.7	1
11/14/2008	NIST-2586	Cr-LEAP	0.0826	0.0038	301	45.15	2
11/14/2008	MAG-1	Cr-LEAP	0.0350	0.0032	97	8	2
11/14/2008	SCO-1	Cr-LEAP	0.0227	0.0025	68	5	2
11/14/2008	BCSS-1	Cr	0.0024	0.0004	123	14	2
11/14/2008	MESS-1	Cr	0.0015	0.0004	71	11	2
11/14/2008	NIST-2704	Cr	0.0030	0.0004	135	5	2
11/14/2008	NIST-2586	Cr	0.0051	0.0005	301	45.15	2
11/14/2008	MAG-1	Cr	0.0024	0.0005	97	8	2
11/14/2008	SCO-1	Cr	0.0012	0.0004	68	5	2
11/14/2008	BCSS-1	Mn-LEAP	0.0786	0.0042	229	15	2
11/14/2008	MESS-1	Mn-LEAP	0.1810	0.0046	513	25	2
11/14/2008	NIST-2704	Mn-LEAP	0.2378	0.0054	555	19	2
11/14/2008	NIST-2709	Mn-LEAP	0.2320	0.0050	538	17	2
11/14/2008	NIST-2711	Mn-LEAP	0.2441	0.0050	638	28	2
11/14/2008	NIST-2586	Mn-LEAP	0.4054	0.0071	1000	20	1
11/14/2008	MAG-1	Mn-LEAP	0.3185	0.0067	759	70	2
11/14/2008	SCO-1	Mn-LEAP	0.1689	0.0046	410	30	2
11/14/2008	BCSS-1	Mn	0.0073	0.0006	229	15	2
11/14/2008	MESS-1	Mn	0.0147	0.0006	513	25	2
11/14/2008	NIST-2704	Mn	0.0148	0.0007	555	19	2
11/14/2008	NIST-2709	Mn	0.0174	0.0022	538	17	2
11/14/2008	NIST-2711	Mn	0.0152	0.0006	638	28	2
11/14/2008	NIST-2586	Mn	0.0284	0.0009	1000	20	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
11/14/2008	MAG-1	Mn	0.0233	0.0009	759	70	2
11/14/2008	SCO-1	Mn	0.0116	0.0006	410	30	2
11/14/2008	BCSS-1	Fe-LEAP	16.0205	0.1178	32873	979	2
11/14/2008	MESS-1	Fe-LEAP	14.3527	0.1059	30495	1749	2
11/14/2008	NIST-2704	Fe-LEAP	19.9235	0.1515	41100	1000	2
11/14/2008	NIST-2709	Fe-LEAP	16.7922	0.1244	35000	1100	2
11/14/2008	NIST-2711	Fe-LEAP	13.0456	0.0967	28900	600	2
11/14/2008	NIST-2586	Fe-LEAP	25.3401	0.1988	51610	1032.2	1
11/14/2008	MAG-1	Fe-LEAP	24.1318	0.1895	47561	4197	2
11/14/2008	SCO-1	Fe-LEAP	16.3697	0.1211	35881	1259	2
11/14/2008	BCSS-1	Fe	1.0980	0.0056	32873	979	2
11/14/2008	MESS-1	Fe	0.9912	0.0052	30495	1749	2
11/14/2008	NIST-2704	Fe	1.4064	0.0071	41100	1000	2
11/14/2008	NIST-2709	Fe	1.0960	0.0184	35000	1100	2
11/14/2008	NIST-2711	Fe	0.9341	0.0051	28900	600	2
11/14/2008	NIST-2586	Fe	1.8155	0.0089	51610	1032.2	1
11/14/2008	MAG-1	Fe	1.7158	0.0086	47561	4197	2
11/14/2008	SCO-1	Fe	1.1368	0.0058	35881	1259	2
11/14/2008	BCSS-1	Co	0.0134	0.0016	11.4	2.1	2
11/14/2008	MESS-1	Co	0.0135	0.0016	10.8	1.9	2
11/14/2008	NIST-2704	Co	0.0211	0.0019	14	0.6	2
11/14/2008	NIST-2709	Co	0.0246	0.0056	13.4	0.7	2
11/14/2008	NIST-2710	Co	0.0073	0.0021	10	1	1
11/14/2008	NIST-2711	Co	0.0121	0.0016	10	1	1
11/14/2008	NIST-2586	Co	0.0267	0.0023	35	3.5	1
11/14/2008	MAG-1	Co	0.0172	0.0022	20	1.6	2
11/14/2008	SCO-1	Co	0.0181	0.0017	11	0.8	2
11/14/2008	BCSS-1	Ni	0.0053	0.0006	55.3	3.6	2
11/14/2008	MESS-1	Ni	0.0037	0.0006	29.5	2.7	2
11/14/2008	NIST-2704	Ni	0.0039	0.0006	44.1	3	2
11/14/2008	NIST-2709	Ni	0.0078	0.0021	88	5	2
11/14/2008	NIST-2710	Ni	0.0033	0.0008	14.3	1	2
11/14/2008	NIST-2711	Ni	0.0029	0.0006	20.6	1.1	2
11/14/2008	NIST-2586	Ni	0.0078	0.0008	75	7.5	1
11/14/2008	MAG-1	Ni	0.0064	0.0007	53	8	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
11/14/2008	SCO-1	Ni	0.0036	0.0006	27	4	2
11/14/2008	BCSS-1	Cu	0.0020	0.0004	18.5	2.7	2
11/14/2008	MESS-1	Cu	0.0021	0.0004	25.1	3.8	2
11/14/2008	NIST-2704	Cu	0.0095	0.0005	98.6	5	2
11/14/2008	NIST-2711	Cu	0.0093	0.0005	114	2	2
11/14/2008	NIST-2586	Cu	0.0066	0.0005	81	8.1	1
11/14/2008	MAG-1	Cu	0.0027	0.0005	30	3	2
11/14/2008	SCO-1	Cu	0.0019	0.0004	29	2	2
11/14/2008	BCSS-1	Zn	0.0132	0.0004	119	12	2
11/14/2008	MESS-1	Zn	0.0229	0.0006	191	17	2
11/14/2008	NIST-2704	Zn	0.0553	0.0009	438	12	2
11/14/2008	NIST-2709	Zn	0.0106	0.0015	106	3	2
11/14/2008	NIST-2711	Zn	0.0462	0.0009	350.4	4.8	2
11/14/2008	NIST-2586	Zn	0.0426	0.0009	352	17.6	1
11/14/2008	MAG-1	Zn	0.0172	0.0006	130	6	2
11/14/2008	SCO-1	Zn	0.0129	0.0004	100	8	2
11/14/2008	BCSS-1	As	0.0032	0.0005	11.1	1.4	2
11/14/2008	MESS-1	As	0.0019	0.0005	10.6	1.2	2
11/14/2008	NIST-2704	As	0.0054	0.0011	23.4	0.8	2
11/14/2008	NIST-2709	As	0.0064	0.0016	17.7	0.8	2
11/14/2008	NIST-2710	As	0.1351	0.0059	626	38	2
11/14/2008	NIST-2711	As	0.0145	0.0024	105	8	2
11/14/2008	MAG-1	As	0.0027	0.0005	9.2	0.92	1
11/14/2008	SCO-1	As	0.0021	0.0005	12	1	2
11/14/2008	NIST-2704	Br	0.0035	0.0004	7	0.7	1
11/14/2008	NIST-2711	Br	0.0035	0.0004	5	0.5	1
11/14/2008	MAG-1	Br	0.1042	0.0013	250	25	1
11/14/2008	NIST-2704	Rb	0.0621	0.0014	100	10	1
11/14/2008	NIST-2709	Rb	0.0459	0.0042	96	9.6	1
11/14/2008	NIST-2710	Rb	0.0748	0.0021	120	12	1
11/14/2008	NIST-2711	Rb	0.0699	0.0014	110	11	1
11/14/2008	MAG-1	Rb	0.0890	0.0014	150	6	2
11/14/2008	SCO-1	Rb	0.0643	0.0014	110	4	2
11/14/2008	BCSS-1	Sr	0.0760	0.0008	96	9.6	1
11/14/2008	MESS-1	Sr	0.0674	0.0008	89	8.9	1

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
11/14/2008	NIST-2704	Sr	0.0979	0.0016	130	13	1
11/14/2008	NIST-2709	Sr	0.1583	0.0055	231	2	2
11/14/2008	NIST-2710	Sr	0.2468	0.0024	330	33	1
11/14/2008	NIST-2711	Sr	0.1818	0.0016	245.3	0.7	2
11/14/2008	NIST-2586	Sr	0.0596	0.0008	84.1	8.41	1
11/14/2008	MAG-1	Sr	0.1050	0.0016	150	15	2
11/14/2008	SCO-1	Sr	0.1230	0.0016	170	16	2
11/14/2008	NIST-2704	Zr	0.3261	0.0023	300	30	1
11/14/2008	NIST-2709	Zr	0.1403	0.0058	160	16	1
11/14/2008	NIST-2711	Zr	0.2700	0.0023	230	23	1
11/14/2008	MAG-1	Zr	0.1321	0.0023	130	13	2
11/14/2008	SCO-1	Zr	0.1753	0.0023	160	30	2
11/14/2008	MESS-1	Sn	0.0120	0.0030	3.98	0.44	2
11/14/2008	MAG-1	Sn	0.0148	0.0034	3.6	0.36	1
11/14/2008	SDO-1	Sn	0.0105	0.0032	3.7	1.2	2
11/14/2008	NIST-2704	I-LEAP	0.0459	0.0056	2	0.2	1
11/14/2008	NIST-2709	I-LEAP	0.0474	0.0048	5	0.5	1
11/14/2008	NIST-2711	I-LEAP	0.0535	0.0050	3	0.3	1
11/14/2008	MAG-1	I-LEAP	0.0464	0.0050	380	38	1
11/14/2008	NIST-2704	Ba	0.0687	0.0044	414	12	2
11/14/2008	NIST-2709	Ba	0.0919	0.0042	968	40	2
11/14/2008	NIST-2710	Ba	0.0886	0.0048	707	51	2
11/14/2008	NIST-2711	Ba	0.0728	0.0038	726	38	2
11/14/2008	NIST-2586	Ba	0.1017	0.0054	413	16.52	1
11/14/2008	MAG-1	Ba	0.0925	0.0048	480	41	2
11/14/2008	SCO-1	Ba	0.0726	0.0040	570	30	2
11/14/2008	SDO-1	Ba	0.0955	0.0048	397	38	2
11/14/2008	NIST-2710	Hg	0.0177	0.0008	32.6	1.8	2
11/14/2008	NIST-2711	Hg	0.0022	0.0003	6.25	0.19	2
11/14/2008	NIST-2586	Hg	0.0013	0.0003	0.37	0.04	1
11/14/2008	BCSS-1	Pb	0.0039	0.0004	22.7	3.4	2
11/14/2008	MESS-1	Pb	0.0054	0.0004	34	6.1	2
11/14/2008	NIST-2704	Pb	0.0298	0.0009	161	17	2
11/14/2008	NIST-2711	Pb	0.2355	0.0022	1162	31	2
11/14/2008	NIST-2586	Pb	0.0842	0.0013	432	17.28	2

Analysis Date	SRM	Element ^A	FP-XRF		Standard reference material information		
			signal (cps) ^B	uncertainty	concentration (ppm)	uncertainty (ppm)	flag ^C
11/14/2008	MAG-1	Pb	0.0039	0.0004	24	3	2
11/14/2008	SCO-1	Pb	0.0056	0.0004	31	3	2
11/14/2008	NIST-2704	U	0.0055	0.0008	3.13	0.13	2
11/14/2008	NIST-2709	U	0.0097	0.0026	3	0.3	1
11/14/2008	NIST-2710	U	0.0173	0.0013	25	2.5	1
11/14/2008	NIST-2711	U	0.0087	0.0008	2.6	0.26	1
11/14/2008	MAG-1	U	0.0087	0.0011	2.7	0.3	2

^ALEAP after an element symbol indicates measurement using the Light Element Analysis Protocol

^BInterference corrected Compton normalized count rates

^C2=SRM concentration is certified and published uncertainty (usually the 95% confidence interval) is used;

^C1= SRM concentration is recommended or informational and an uncertainty value of 10% is used.