

**Appendix II. The FP-XRF response (adjusted cps) for SRM NIST-2709
between 28 January 2008 and 14 November 2008**

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/19/2008	Cl-LEAP	0.0130	0.0020
7/10/2008	Cl-LEAP	0.0064	0.0021
1/28/2008	K-LEAP	0.3186	0.0052
2/1/2008	K-LEAP	0.3214	0.0052
2/1/2008	K-LEAP	0.3179	0.0052
2/1/2008	K-LEAP	0.3191	0.0052
2/1/2008	K-LEAP	0.3247	0.0053
2/1/2008	K-LEAP	0.3240	0.0052
2/8/2008	K-LEAP	0.3269	0.0052
2/8/2008	K-LEAP	0.3119	0.0051
2/13/2008	K-LEAP	0.3104	0.0050
2/15/2008	K-LEAP	0.3177	0.0051
3/2/2008	K-LEAP	0.3235	0.0052
4/9/2008	K-LEAP	0.3220	0.0052
4/18/2008	K-LEAP	0.3123	0.0049
4/18/2008	K-LEAP	0.3172	0.0051
6/9/2008	K-LEAP	0.3119	0.0049
6/9/2008	K-LEAP	0.3357	0.0054
6/10/2008	K-LEAP	0.3030	0.0050
6/10/2008	K-LEAP	0.3334	0.0053
6/10/2008	K-LEAP	0.3300	0.0052
6/11/2008	K-LEAP	0.3139	0.0052
6/11/2008	K-LEAP	0.3215	0.0053
6/12/2008	K-LEAP	0.3178	0.0051
6/12/2008	K-LEAP	0.3207	0.0052
6/13/2008	K-LEAP	0.3182	0.0050
6/13/2008	K-LEAP	0.3144	0.0051
6/17/2008	K-LEAP	0.3178	0.0052
6/19/2008	K-LEAP	0.3046	0.0047
6/19/2008	K-LEAP	0.3115	0.0051
6/20/2008	K-LEAP	0.3068	0.0050
7/7/2008	K-LEAP	0.3105	0.0050
7/7/2008	K-LEAP	0.3018	0.0048
7/7/2008	K-LEAP	0.2775	0.0047
7/8/2008	K-LEAP	0.3096	0.0049
7/10/2008	K-LEAP	0.3059	0.0050
7/10/2008	K-LEAP	0.2939	0.0047
7/10/2008	K-LEAP	0.3057	0.0050
7/11/2008	K-LEAP	0.3097	0.0050
7/13/2008	K-LEAP	0.3072	0.0049
7/15/2008	K-LEAP	0.3143	0.0050
7/15/2008	K-LEAP	0.3196	0.0051
7/30/2008	K-LEAP	0.2852	0.0046
10/1/2008	K-LEAP	0.3018	0.0048
10/1/2008	K-LEAP	0.2924	0.0048
11/14/2008	K-LEAP	0.2801	0.0046
1/28/2008	Ca-LEAP	0.6721	0.0086
2/1/2008	Ca-LEAP	0.6510	0.0083

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/1/2008	Ca-LEAP	0.6633	0.0085
2/1/2008	Ca-LEAP	0.6788	0.0086
2/1/2008	Ca-LEAP	0.6684	0.0085
2/1/2008	Ca-LEAP	0.6690	0.0085
2/8/2008	Ca-LEAP	0.6773	0.0086
2/8/2008	Ca-LEAP	0.6537	0.0083
2/13/2008	Ca-LEAP	0.6610	0.0083
2/15/2008	Ca-LEAP	0.6661	0.0083
3/2/2008	Ca-LEAP	0.6672	0.0084
4/9/2008	Ca-LEAP	0.6793	0.0086
4/18/2008	Ca-LEAP	0.6695	0.0082
4/18/2008	Ca-LEAP	0.6711	0.0083
6/9/2008	Ca-LEAP	0.6767	0.0082
6/9/2008	Ca-LEAP	0.6966	0.0087
6/10/2008	Ca-LEAP	0.6499	0.0083
6/10/2008	Ca-LEAP	0.6895	0.0086
6/10/2008	Ca-LEAP	0.6619	0.0084
6/11/2008	Ca-LEAP	0.6707	0.0086
6/11/2008	Ca-LEAP	0.6616	0.0085
6/12/2008	Ca-LEAP	0.6613	0.0084
6/12/2008	Ca-LEAP	0.6652	0.0084
6/13/2008	Ca-LEAP	0.6570	0.0082
6/13/2008	Ca-LEAP	0.6456	0.0082
6/17/2008	Ca-LEAP	0.6438	0.0083
6/19/2008	Ca-LEAP	0.6324	0.0078
6/19/2008	Ca-LEAP	0.6360	0.0082
6/20/2008	Ca-LEAP	0.6289	0.0081
7/7/2008	Ca-LEAP	0.6448	0.0082
7/7/2008	Ca-LEAP	0.6129	0.0077
7/7/2008	Ca-LEAP	0.6104	0.0078
7/8/2008	Ca-LEAP	0.6242	0.0079
7/10/2008	Ca-LEAP	0.6444	0.0081
7/10/2008	Ca-LEAP	0.6147	0.0077
7/10/2008	Ca-LEAP	0.6278	0.0081
7/11/2008	Ca-LEAP	0.6237	0.0079
7/13/2008	Ca-LEAP	0.6327	0.0079
7/15/2008	Ca-LEAP	0.6295	0.0080
7/15/2008	Ca-LEAP	0.6437	0.0081
7/30/2008	Ca-LEAP	0.6003	0.0075
10/1/2008	Ca-LEAP	0.6152	0.0077
10/1/2008	Ca-LEAP	0.6132	0.0078
11/14/2008	Ca-LEAP	0.5821	0.0074
1/28/2008	Ti-LEAP	0.3051	0.0086
2/1/2008	Ti-LEAP	0.2932	0.0083
2/1/2008	Ti-LEAP	0.3034	0.0085
2/1/2008	Ti-LEAP	0.3107	0.0086
2/1/2008	Ti-LEAP	0.3054	0.0085
2/1/2008	Ti-LEAP	0.2951	0.0085
2/8/2008	Ti-LEAP	0.3104	0.0085
2/8/2008	Ti-LEAP	0.3021	0.0084

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/13/2008	Ti-LEAP	0.2933	0.0083
2/15/2008	Ti-LEAP	0.2956	0.0083
3/2/2008	Ti-LEAP	0.3024	0.0084
4/9/2008	Ti-LEAP	0.3017	0.0085
4/18/2008	Ti-LEAP	0.3074	0.0083
4/18/2008	Ti-LEAP	0.2974	0.0084
6/9/2008	Ti-LEAP	0.3007	0.0082
6/9/2008	Ti-LEAP	0.3253	0.0088
6/10/2008	Ti-LEAP	0.2895	0.0083
6/10/2008	Ti-LEAP	0.3088	0.0085
6/10/2008	Ti-LEAP	0.3100	0.0085
6/11/2008	Ti-LEAP	0.3015	0.0086
6/11/2008	Ti-LEAP	0.2979	0.0086
6/12/2008	Ti-LEAP	0.3144	0.0085
6/12/2008	Ti-LEAP	0.2934	0.0084
6/13/2008	Ti-LEAP	0.3100	0.0083
6/13/2008	Ti-LEAP	0.2997	0.0083
6/17/2008	Ti-LEAP	0.2965	0.0084
6/19/2008	Ti-LEAP	0.2703	0.0081
6/19/2008	Ti-LEAP	0.2650	0.0083
6/20/2008	Ti-LEAP	0.2736	0.0082
7/7/2008	Ti-LEAP	0.2755	0.0083
7/7/2008	Ti-LEAP	0.2575	0.0079
7/7/2008	Ti-LEAP	0.2721	0.0081
7/8/2008	Ti-LEAP	0.2782	0.0082
7/10/2008	Ti-LEAP	0.2786	0.0083
7/10/2008	Ti-LEAP	0.2644	0.0079
7/10/2008	Ti-LEAP	0.2841	0.0083
7/11/2008	Ti-LEAP	0.2708	0.0082
7/13/2008	Ti-LEAP	0.2774	0.0082
7/15/2008	Ti-LEAP	0.2778	0.0083
7/15/2008	Ti-LEAP	0.2746	0.0083
7/30/2008	Ti-LEAP	0.2663	0.0077
10/1/2008	Ti-LEAP	0.2670	0.0078
10/1/2008	Ti-LEAP	0.2736	0.0080
11/14/2008	Ti-LEAP	0.2476	0.0078
1/28/2008	Ti	0.0166	0.0006
2/1/2008	Ti	0.0160	0.0006
2/1/2008	Ti	0.0157	0.0006
2/1/2008	Ti	0.0167	0.0006
2/1/2008	Ti	0.0172	0.0006
2/1/2008	Ti	0.0155	0.0006
2/8/2008	Ti	0.0170	0.0006
2/8/2008	Ti	0.0163	0.0006
2/13/2008	Ti	0.0165	0.0006
2/15/2008	Ti	0.0169	0.0006
3/2/2008	Ti	0.0168	0.0006
4/9/2008	Ti	0.0177	0.0006
4/18/2008	Ti	0.0172	0.0006
4/18/2008	Ti	0.0170	0.0006

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/9/2008	Ti	0.0177	0.0006
6/9/2008	Ti	0.0177	0.0006
6/10/2008	Ti	0.0164	0.0006
6/10/2008	Ti	0.0177	0.0006
6/10/2008	Ti	0.0183	0.0006
6/11/2008	Ti	0.0168	0.0006
6/11/2008	Ti	0.0169	0.0006
6/12/2008	Ti	0.0158	0.0006
6/12/2008	Ti	0.0176	0.0006
6/13/2008	Ti	0.0161	0.0006
6/13/2008	Ti	0.0168	0.0006
6/17/2008	Ti	0.0159	0.0006
6/19/2008	Ti	0.0169	0.0006
6/19/2008	Ti	0.0171	0.0006
6/20/2008	Ti	0.0158	0.0006
7/7/2008	Ti	0.0171	0.0006
7/7/2008	Ti	0.0165	0.0006
7/7/2008	Ti	0.0170	0.0006
7/8/2008	Ti	0.0182	0.0006
7/10/2008	Ti	0.0161	0.0006
7/10/2008	Ti	0.0170	0.0006
7/10/2008	Ti	0.0164	0.0006
7/11/2008	Ti	0.0167	0.0006
7/13/2008	Ti	0.0171	0.0006
7/15/2008	Ti	0.0166	0.0006
7/15/2008	Ti	0.0166	0.0006
7/30/2008	Ti	0.0170	0.0006
10/1/2008	Ti	0.0168	0.0006
10/1/2008	Ti	0.0168	0.0006
11/14/2008	Ti	0.0124	0.0019
1/28/2008	V	0.0023	0.0004
2/1/2008	V	0.0018	0.0004
2/1/2008	V	0.0022	0.0004
2/1/2008	V	0.0021	0.0004
2/1/2008	V	0.0020	0.0004
2/1/2008	V	0.0025	0.0004
2/8/2008	V	0.0020	0.0004
2/8/2008	V	0.0025	0.0004
2/13/2008	V	0.0022	0.0004
2/15/2008	V	0.0031	0.0004
3/2/2008	V	0.0021	0.0004
4/9/2008	V	0.0029	0.0004
4/18/2008	V	0.0027	0.0004
4/18/2008	V	0.0029	0.0004
6/9/2008	V	0.0027	0.0004
6/9/2008	V	0.0027	0.0004
6/10/2008	V	0.0029	0.0004
6/10/2008	V	0.0026	0.0004
6/10/2008	V	0.0024	0.0004
6/11/2008	V	0.0024	0.0004

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/11/2008	V	0.0027	0.0004
6/12/2008	V	0.0029	0.0004
6/12/2008	V	0.0027	0.0004
6/13/2008	V	0.0028	0.0004
6/13/2008	V	0.0027	0.0004
6/17/2008	V	0.0036	0.0004
6/19/2008	V	0.0024	0.0004
6/19/2008	V	0.0025	0.0004
6/20/2008	V	0.0026	0.0004
7/7/2008	V	0.0033	0.0004
7/7/2008	V	0.0034	0.0004
7/7/2008	V	0.0030	0.0004
7/8/2008	V	0.0027	0.0004
7/10/2008	V	0.0027	0.0004
7/10/2008	V	0.0031	0.0004
7/10/2008	V	0.0031	0.0004
7/11/2008	V	0.0028	0.0004
7/13/2008	V	0.0027	0.0004
7/15/2008	V	0.0030	0.0004
7/15/2008	V	0.0029	0.0004
7/30/2008	V	0.0027	0.0004
10/1/2008	V	0.0026	0.0004
10/1/2008	V	0.0029	0.0004
1/28/2008	Cr-LEAP	0.0451	0.0032
2/1/2008	Cr-LEAP	0.0372	0.0028
2/1/2008	Cr-LEAP	0.0407	0.0032
2/1/2008	Cr-LEAP	0.0407	0.0032
2/1/2008	Cr-LEAP	0.0385	0.0032
2/1/2008	Cr-LEAP	0.0356	0.0032
2/8/2008	Cr-LEAP	0.0350	0.0028
2/8/2008	Cr-LEAP	0.0350	0.0028
2/13/2008	Cr-LEAP	0.0413	0.0028
2/15/2008	Cr-LEAP	0.0350	0.0028
3/2/2008	Cr-LEAP	0.0397	0.0028
4/9/2008	Cr-LEAP	0.0379	0.0032
4/18/2008	Cr-LEAP	0.0394	0.0028
4/18/2008	Cr-LEAP	0.0337	0.0028
6/9/2008	Cr-LEAP	0.0353	0.0028
6/9/2008	Cr-LEAP	0.0404	0.0032
6/10/2008	Cr-LEAP	0.0350	0.0028
6/10/2008	Cr-LEAP	0.0448	0.0032
6/10/2008	Cr-LEAP	0.0375	0.0028
6/11/2008	Cr-LEAP	0.0391	0.0032
6/11/2008	Cr-LEAP	0.0353	0.0032
6/12/2008	Cr-LEAP	0.0442	0.0032
6/12/2008	Cr-LEAP	0.0375	0.0028
6/13/2008	Cr-LEAP	0.0385	0.0028
6/13/2008	Cr-LEAP	0.0372	0.0028
6/17/2008	Cr-LEAP	0.0356	0.0028
6/19/2008	Cr-LEAP	0.0385	0.0028

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/19/2008	Cr-LEAP	0.0356	0.0028
6/20/2008	Cr-LEAP	0.0344	0.0028
7/7/2008	Cr-LEAP	0.0356	0.0028
7/7/2008	Cr-LEAP	0.0407	0.0028
7/7/2008	Cr-LEAP	0.0397	0.0028
7/8/2008	Cr-LEAP	0.0397	0.0028
7/10/2008	Cr-LEAP	0.0356	0.0028
7/10/2008	Cr-LEAP	0.0375	0.0028
7/10/2008	Cr-LEAP	0.0391	0.0028
7/11/2008	Cr-LEAP	0.0407	0.0028
7/13/2008	Cr-LEAP	0.0391	0.0028
7/15/2008	Cr-LEAP	0.0379	0.0028
7/15/2008	Cr-LEAP	0.0413	0.0028
7/30/2008	Cr-LEAP	0.0353	0.0028
10/1/2008	Cr-LEAP	0.0366	0.0028
10/1/2008	Cr-LEAP	0.0347	0.0028
11/14/2008	Cr-LEAP	0.0375	0.0028
1/28/2008	Cr	0.0019	0.0004
2/1/2008	Cr	0.0024	0.0004
2/1/2008	Cr	0.0024	0.0004
2/1/2008	Cr	0.0020	0.0004
2/1/2008	Cr	0.0016	0.0004
2/1/2008	Cr	0.0016	0.0004
2/8/2008	Cr	0.0019	0.0004
2/8/2008	Cr	0.0015	0.0004
2/13/2008	Cr	0.0022	0.0004
2/15/2008	Cr	0.0021	0.0004
3/2/2008	Cr	0.0025	0.0004
4/9/2008	Cr	0.0017	0.0004
4/18/2008	Cr	0.0026	0.0004
4/18/2008	Cr	0.0021	0.0004
6/9/2008	Cr	0.0021	0.0004
6/9/2008	Cr	0.0029	0.0004
6/10/2008	Cr	0.0024	0.0004
6/10/2008	Cr	0.0020	0.0004
6/10/2008	Cr	0.0021	0.0004
6/11/2008	Cr	0.0016	0.0004
6/11/2008	Cr	0.0024	0.0004
6/12/2008	Cr	0.0019	0.0004
6/12/2008	Cr	0.0020	0.0004
6/13/2008	Cr	0.0025	0.0004
6/13/2008	Cr	0.0022	0.0004
6/17/2008	Cr	0.0021	0.0004
6/19/2008	Cr	0.0020	0.0004
6/19/2008	Cr	0.0019	0.0004
6/20/2008	Cr	0.0019	0.0004
7/7/2008	Cr	0.0019	0.0004
7/7/2008	Cr	0.0022	0.0004
7/7/2008	Cr	0.0017	0.0004
7/8/2008	Cr	0.0027	0.0004

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/1/2008	Cr	0.0017	0.0004
7/10/2008	Cr	0.0024	0.0004
7/10/2008	Cr	0.0022	0.0004
7/11/2008	Cr	0.0027	0.0004
7/13/2008	Cr	0.0023	0.0004
7/15/2008	Cr	0.0021	0.0004
7/15/2008	Cr	0.0025	0.0004
7/30/2008	Cr	0.0029	0.0004
10/1/2008	Cr	0.0025	0.0004
10/1/2008	Cr	0.0023	0.0004
1/28/2008	Mn-LEAP	0.1697	0.0050
2/1/2008	Mn-LEAP	0.1701	0.0050
2/1/2008	Mn-LEAP	0.1739	0.0050
2/1/2008	Mn-LEAP	0.1755	0.0050
2/1/2008	Mn-LEAP	0.1684	0.0050
2/1/2008	Mn-LEAP	0.1751	0.0050
2/8/2008	Mn-LEAP	0.1764	0.0050
2/8/2008	Mn-LEAP	0.1705	0.0050
2/13/2008	Mn-LEAP	0.1634	0.0050
2/15/2008	Mn-LEAP	0.1601	0.0050
3/2/2008	Mn-LEAP	0.1760	0.0050
4/9/2008	Mn-LEAP	0.1764	0.0050
4/18/2008	Mn-LEAP	0.1592	0.0050
4/18/2008	Mn-LEAP	0.1697	0.0050
6/9/2008	Mn-LEAP	0.1718	0.0050
6/9/2008	Mn-LEAP	0.1889	0.0054
6/10/2008	Mn-LEAP	0.1781	0.0050
6/10/2008	Mn-LEAP	0.1935	0.0054
6/10/2008	Mn-LEAP	0.1835	0.0050
6/11/2008	Mn-LEAP	0.1872	0.0054
6/11/2008	Mn-LEAP	0.1918	0.0054
6/12/2008	Mn-LEAP	0.1827	0.0050
6/12/2008	Mn-LEAP	0.1835	0.0050
6/13/2008	Mn-LEAP	0.1872	0.0050
6/13/2008	Mn-LEAP	0.1831	0.0050
6/17/2008	Mn-LEAP	0.1994	0.0054
6/19/2008	Mn-LEAP	0.2169	0.0050
6/19/2008	Mn-LEAP	0.2232	0.0054
6/20/2008	Mn-LEAP	0.2081	0.0054
7/7/2008	Mn-LEAP	0.2040	0.0050
7/7/2008	Mn-LEAP	0.2186	0.0050
7/7/2008	Mn-LEAP	0.1998	0.0050
7/8/2008	Mn-LEAP	0.2290	0.0054
7/10/2008	Mn-LEAP	0.2010	0.0050
7/10/2008	Mn-LEAP	0.2299	0.0054
7/10/2008	Mn-LEAP	0.2048	0.0054
7/11/2008	Mn-LEAP	0.2270	0.0054
7/13/2008	Mn-LEAP	0.1973	0.0050
7/15/2008	Mn-LEAP	0.2178	0.0054
7/15/2008	Mn-LEAP	0.1956	0.0050

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
7/30/2008	Mn-LEAP	0.2199	0.0050
10/1/2008	Mn-LEAP	0.2098	0.0050
10/1/2008	Mn-LEAP	0.1918	0.0050
11/14/2008	Mn-LEAP	0.2320	0.0050
1/28/2008	Mn	0.0104	0.0006
2/1/2008	Mn	0.0099	0.0006
2/1/2008	Mn	0.0106	0.0006
2/1/2008	Mn	0.0089	0.0006
2/1/2008	Mn	0.0095	0.0006
2/1/2008	Mn	0.0102	0.0006
2/8/2008	Mn	0.0104	0.0006
2/8/2008	Mn	0.0108	0.0006
2/13/2008	Mn	0.0095	0.0006
2/15/2008	Mn	0.0092	0.0006
3/2/2008	Mn	0.0094	0.0006
4/9/2008	Mn	0.0095	0.0006
4/18/2008	Mn	0.0104	0.0006
4/18/2008	Mn	0.0101	0.0006
6/9/2008	Mn	0.0106	0.0006
6/9/2008	Mn	0.0095	0.0006
6/10/2008	Mn	0.0101	0.0006
6/10/2008	Mn	0.0118	0.0006
6/10/2008	Mn	0.0107	0.0006
6/11/2008	Mn	0.0109	0.0006
6/11/2008	Mn	0.0110	0.0006
6/12/2008	Mn	0.0124	0.0006
6/12/2008	Mn	0.0103	0.0006
6/13/2008	Mn	0.0111	0.0006
6/13/2008	Mn	0.0095	0.0006
6/17/2008	Mn	0.0113	0.0006
6/19/2008	Mn	0.0147	0.0006
6/19/2008	Mn	0.0138	0.0006
6/20/2008	Mn	0.0129	0.0006
7/7/2008	Mn	0.0126	0.0006
7/7/2008	Mn	0.0153	0.0007
7/7/2008	Mn	0.0132	0.0006
7/8/2008	Mn	0.0156	0.0007
7/10/2008	Mn	0.0132	0.0006
7/10/2008	Mn	0.0156	0.0007
7/10/2008	Mn	0.0136	0.0006
7/11/2008	Mn	0.0143	0.0007
7/13/2008	Mn	0.0136	0.0006
7/15/2008	Mn	0.0151	0.0007
7/15/2008	Mn	0.0133	0.0006
7/30/2008	Mn	0.0159	0.0007
10/1/2008	Mn	0.0115	0.0006
10/1/2008	Mn	0.0122	0.0006
11/14/2008	Mn	0.0174	0.0022
1/28/2008	Fe-LEAP	18.9015	0.1477
2/1/2008	Fe-LEAP	18.3747	0.1428

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/1/2008	Fe-LEAP	18.6310	0.1455
2/1/2008	Fe-LEAP	18.7728	0.1472
2/1/2008	Fe-LEAP	18.7353	0.1466
2/1/2008	Fe-LEAP	18.7380	0.1466
2/8/2008	Fe-LEAP	18.8130	0.1461
2/8/2008	Fe-LEAP	18.4393	0.1428
2/13/2008	Fe-LEAP	18.5360	0.1423
2/15/2008	Fe-LEAP	18.4676	0.1417
3/2/2008	Fe-LEAP	18.6642	0.1445
4/9/2008	Fe-LEAP	18.8618	0.1466
4/18/2008	Fe-LEAP	18.4942	0.1390
4/18/2008	Fe-LEAP	18.6082	0.1423
6/9/2008	Fe-LEAP	18.3986	0.1379
6/9/2008	Fe-LEAP	19.1127	0.1493
6/10/2008	Fe-LEAP	18.2797	0.1417
6/10/2008	Fe-LEAP	18.9607	0.1466
6/10/2008	Fe-LEAP	18.6430	0.1450
6/11/2008	Fe-LEAP	18.6006	0.1461
6/11/2008	Fe-LEAP	18.7467	0.1477
6/12/2008	Fe-LEAP	18.4605	0.1428
6/12/2008	Fe-LEAP	18.7500	0.1455
6/13/2008	Fe-LEAP	18.2748	0.1385
6/13/2008	Fe-LEAP	18.3085	0.1407
6/17/2008	Fe-LEAP	18.3123	0.1428
6/19/2008	Fe-LEAP	17.5666	0.1287
6/19/2008	Fe-LEAP	17.9326	0.1390
6/20/2008	Fe-LEAP	17.9788	0.1379
7/7/2008	Fe-LEAP	18.1792	0.1390
7/7/2008	Fe-LEAP	17.5400	0.1309
7/7/2008	Fe-LEAP	17.8626	0.1363
7/8/2008	Fe-LEAP	17.7616	0.1341
7/10/2008	Fe-LEAP	18.0831	0.1385
7/10/2008	Fe-LEAP	17.4509	0.1303
7/10/2008	Fe-LEAP	17.9386	0.1390
7/11/2008	Fe-LEAP	17.5530	0.1336
7/13/2008	Fe-LEAP	18.0185	0.1363
7/15/2008	Fe-LEAP	17.8034	0.1363
7/15/2008	Fe-LEAP	18.2748	0.1396
7/30/2008	Fe-LEAP	17.0436	0.1254
10/1/2008	Fe-LEAP	17.3771	0.1293
10/1/2008	Fe-LEAP	17.4113	0.1309
11/14/2008	Fe-LEAP	16.7922	0.1244
1/28/2008	Fe	1.1716	0.0059
2/1/2008	Fe	1.1650	0.0059
2/1/2008	Fe	1.1595	0.0059
2/1/2008	Fe	1.1559	0.0059
2/1/2008	Fe	1.1613	0.0059
2/1/2008	Fe	1.1649	0.0059
2/8/2008	Fe	1.1773	0.0059
2/8/2008	Fe	1.1569	0.0058

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/13/2008	Fe	1.1445	0.0057
2/15/2008	Fe	1.1379	0.0057
3/2/2008	Fe	1.1837	0.0059
4/9/2008	Fe	1.1856	0.0060
4/18/2008	Fe	1.2183	0.0060
4/18/2008	Fe	1.1853	0.0059
6/9/2008	Fe	1.1697	0.0058
6/9/2008	Fe	1.2063	0.0060
6/10/2008	Fe	1.1400	0.0058
6/10/2008	Fe	1.1867	0.0059
6/10/2008	Fe	1.1906	0.0060
6/11/2008	Fe	1.1390	0.0058
6/11/2008	Fe	1.1490	0.0059
6/12/2008	Fe	1.1372	0.0058
6/12/2008	Fe	1.1643	0.0059
6/13/2008	Fe	1.1729	0.0059
6/13/2008	Fe	1.1617	0.0059
6/17/2008	Fe	1.1429	0.0058
6/19/2008	Fe	1.1372	0.0057
6/19/2008	Fe	1.1256	0.0057
6/20/2008	Fe	1.1369	0.0057
7/7/2008	Fe	1.1540	0.0058
7/7/2008	Fe	1.1555	0.0058
7/7/2008	Fe	1.1315	0.0057
7/8/2008	Fe	1.1614	0.0058
7/10/2008	Fe	1.1513	0.0058
7/10/2008	Fe	1.1409	0.0057
7/10/2008	Fe	1.1656	0.0060
7/11/2008	Fe	1.1667	0.0059
7/13/2008	Fe	1.1533	0.0058
7/15/2008	Fe	1.1767	0.0059
7/15/2008	Fe	1.1536	0.0058
7/30/2008	Fe	1.1274	0.0057
10/1/2008	Fe	1.1382	0.0057
10/1/2008	Fe	1.1315	0.0057
11/14/2008	Fe	1.0960	0.0184
1/28/2008	Co	0.0122	0.0017
2/1/2008	Co	0.0170	0.0017
2/1/2008	Co	0.0181	0.0017
2/1/2008	Co	0.0164	0.0017
2/1/2008	Co	0.0150	0.0017
2/1/2008	Co	0.0165	0.0017
2/8/2008	Co	0.0153	0.0017
2/8/2008	Co	0.0178	0.0017
2/13/2008	Co	0.0171	0.0017
2/15/2008	Co	0.0134	0.0017
3/2/2008	Co	0.0152	0.0017
4/9/2008	Co	0.0165	0.0017
4/18/2008	Co	0.0162	0.0018
4/18/2008	Co	0.0203	0.0017

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/9/2008	Co	0.0186	0.0017
6/9/2008	Co	0.0122	0.0017
6/10/2008	Co	0.0140	0.0017
6/10/2008	Co	0.0157	0.0017
6/10/2008	Co	0.0180	0.0018
6/11/2008	Co	0.0150	0.0017
6/11/2008	Co	0.0150	0.0017
6/12/2008	Co	0.0175	0.0017
6/12/2008	Co	0.0129	0.0017
6/13/2008	Co	0.0161	0.0017
6/13/2008	Co	0.0184	0.0017
6/17/2008	Co	0.0174	0.0017
6/19/2008	Co	0.0165	0.0017
6/19/2008	Co	0.0159	0.0017
6/20/2008	Co	0.0146	0.0017
7/7/2008	Co	0.0150	0.0017
7/7/2008	Co	0.0148	0.0017
7/7/2008	Co	0.0166	0.0017
7/8/2008	Co	0.0168	0.0017
7/10/2008	Co	0.0163	0.0017
7/10/2008	Co	0.0192	0.0017
7/10/2008	Co	0.0167	0.0018
7/11/2008	Co	0.0164	0.0017
7/13/2008	Co	0.0157	0.0017
7/15/2008	Co	0.0178	0.0017
7/15/2008	Co	0.0124	0.0017
7/30/2008	Co	0.0198	0.0017
10/1/2008	Co	0.0159	0.0017
10/1/2008	Co	0.0137	0.0017
11/14/2008	Co	0.0246	0.0056
1/28/2008	Ni	0.0028	0.0006
2/1/2008	Ni	0.0024	0.0006
2/1/2008	Ni	0.0033	0.0006
2/1/2008	Ni	0.0033	0.0006
2/1/2008	Ni	0.0036	0.0006
2/1/2008	Ni	0.0029	0.0006
2/8/2008	Ni	0.0024	0.0006
2/8/2008	Ni	0.0026	0.0006
2/13/2008	Ni	0.0023	0.0005
2/15/2008	Ni	0.0029	0.0005
3/2/2008	Ni	0.0025	0.0006
4/9/2008	Ni	0.0046	0.0006
4/18/2008	Ni	0.0038	0.0006
4/18/2008	Ni	0.0040	0.0006
6/9/2008	Ni	0.0036	0.0006
6/9/2008	Ni	0.0054	0.0006
6/10/2008	Ni	0.0050	0.0006
6/10/2008	Ni	0.0038	0.0006
6/10/2008	Ni	0.0044	0.0006
6/11/2008	Ni	0.0049	0.0006

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/11/2008	Ni	0.0046	0.0006
6/12/2008	Ni	0.0046	0.0006
6/12/2008	Ni	0.0046	0.0006
6/13/2008	Ni	0.0047	0.0006
6/13/2008	Ni	0.0042	0.0006
6/17/2008	Ni	0.0044	0.0006
6/19/2008	Ni	0.0064	0.0006
6/19/2008	Ni	0.0061	0.0006
6/20/2008	Ni	0.0051	0.0006
7/7/2008	Ni	0.0068	0.0006
7/7/2008	Ni	0.0061	0.0006
7/7/2008	Ni	0.0063	0.0006
7/8/2008	Ni	0.0071	0.0006
7/10/2008	Ni	0.0056	0.0006
7/10/2008	Ni	0.0067	0.0006
7/10/2008	Ni	0.0055	0.0006
7/11/2008	Ni	0.0061	0.0006
7/13/2008	Ni	0.0053	0.0006
7/15/2008	Ni	0.0061	0.0006
7/15/2008	Ni	0.0053	0.0006
7/30/2008	Ni	0.0056	0.0006
10/1/2008	Ni	0.0057	0.0006
10/1/2008	Ni	0.0057	0.0006
11/14/2008	Ni	0.0078	0.0021
1/28/2008	Cu	0.0027	0.0004
2/1/2008	Cu	0.0027	0.0004
2/1/2008	Cu	0.0027	0.0004
2/1/2008	Cu	0.0027	0.0004
2/1/2008	Cu	0.0030	0.0004
2/1/2008	Cu	0.0022	0.0004
2/8/2008	Cu	0.0026	0.0004
2/8/2008	Cu	0.0025	0.0004
2/13/2008	Cu	0.0027	0.0004
2/15/2008	Cu	0.0029	0.0004
3/2/2008	Cu	0.0037	0.0004
4/9/2008	Cu	0.0036	0.0004
4/18/2008	Cu	0.0038	0.0004
4/18/2008	Cu	0.0031	0.0004
6/9/2008	Cu	0.0035	0.0004
6/9/2008	Cu	0.0022	0.0004
6/10/2008	Cu	0.0022	0.0004
6/10/2008	Cu	0.0032	0.0004
6/10/2008	Cu	0.0029	0.0004
6/11/2008	Cu	0.0032	0.0004
6/11/2008	Cu	0.0027	0.0004
6/12/2008	Cu	0.0036	0.0004
6/12/2008	Cu	0.0031	0.0004
6/13/2008	Cu	0.0030	0.0004
6/13/2008	Cu	0.0025	0.0004
6/17/2008	Cu	0.0027	0.0004

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/19/2008	Cu	0.0025	0.0004
6/19/2008	Cu	0.0030	0.0004
6/20/2008	Cu	0.0035	0.0004
7/7/2008	Cu	0.0032	0.0004
7/7/2008	Cu	0.0034	0.0004
7/7/2008	Cu	0.0030	0.0004
7/8/2008	Cu	0.0025	0.0004
7/10/2008	Cu	0.0027	0.0004
7/10/2008	Cu	0.0020	0.0004
7/10/2008	Cu	0.0022	0.0004
7/11/2008	Cu	0.0020	0.0004
7/13/2008	Cu	0.0025	0.0004
7/15/2008	Cu	0.0013	0.0004
7/15/2008	Cu	0.0036	0.0004
7/30/2008	Cu	0.0029	0.0004
10/1/2008	Cu	0.0022	0.0004
10/1/2008	Cu	0.0029	0.0004
1/28/2008	Zn	0.0126	0.0004
2/1/2008	Zn	0.0133	0.0004
2/1/2008	Zn	0.0123	0.0004
2/1/2008	Zn	0.0132	0.0004
2/1/2008	Zn	0.0129	0.0004
2/1/2008	Zn	0.0126	0.0004
2/8/2008	Zn	0.0130	0.0004
2/8/2008	Zn	0.0127	0.0004
2/13/2008	Zn	0.0124	0.0004
2/15/2008	Zn	0.0127	0.0004
3/2/2008	Zn	0.0126	0.0004
4/9/2008	Zn	0.0126	0.0004
4/18/2008	Zn	0.0136	0.0004
4/18/2008	Zn	0.0136	0.0004
6/9/2008	Zn	0.0138	0.0004
6/9/2008	Zn	0.0135	0.0004
6/10/2008	Zn	0.0126	0.0004
6/10/2008	Zn	0.0130	0.0004
6/10/2008	Zn	0.0129	0.0004
6/11/2008	Zn	0.0138	0.0004
6/11/2008	Zn	0.0127	0.0004
6/12/2008	Zn	0.0127	0.0004
6/12/2008	Zn	0.0124	0.0004
6/13/2008	Zn	0.0123	0.0004
6/13/2008	Zn	0.0126	0.0004
6/17/2008	Zn	0.0121	0.0004
6/19/2008	Zn	0.0138	0.0004
6/19/2008	Zn	0.0130	0.0004
6/20/2008	Zn	0.0120	0.0004
7/7/2008	Zn	0.0129	0.0004
7/7/2008	Zn	0.0133	0.0004
7/7/2008	Zn	0.0121	0.0004
7/8/2008	Zn	0.0126	0.0004

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
7/10/2008	Zn	0.0127	0.0004
7/10/2008	Zn	0.0129	0.0004
7/10/2008	Zn	0.0123	0.0004
7/11/2008	Zn	0.0130	0.0004
7/13/2008	Zn	0.0126	0.0004
7/15/2008	Zn	0.0130	0.0004
7/15/2008	Zn	0.0130	0.0004
7/30/2008	Zn	0.0127	0.0004
10/1/2008	Zn	0.0130	0.0004
10/1/2008	Zn	0.0130	0.0004
11/14/2008	Zn	0.0106	0.0015
1/28/2008	As	0.0048	0.0005
2/1/2008	As	0.0046	0.0005
2/1/2008	As	0.0054	0.0005
2/1/2008	As	0.0046	0.0005
2/1/2008	As	0.0051	0.0005
2/1/2008	As	0.0046	0.0005
2/8/2008	As	0.0056	0.0005
2/8/2008	As	0.0048	0.0005
2/13/2008	As	0.0048	0.0005
2/15/2008	As	0.0054	0.0005
3/2/2008	As	0.0046	0.0005
4/9/2008	As	0.0046	0.0005
4/18/2008	As	0.0056	0.0005
4/18/2008	As	0.0048	0.0005
6/9/2008	As	0.0054	0.0005
6/9/2008	As	0.0048	0.0005
6/10/2008	As	0.0038	0.0005
6/10/2008	As	0.0048	0.0005
6/10/2008	As	0.0056	0.0005
6/11/2008	As	0.0056	0.0005
6/11/2008	As	0.0043	0.0005
6/12/2008	As	0.0048	0.0005
6/12/2008	As	0.0051	0.0005
6/13/2008	As	0.0046	0.0005
6/13/2008	As	0.0054	0.0005
6/17/2008	As	0.0035	0.0005
6/19/2008	As	0.0040	0.0005
6/19/2008	As	0.0043	0.0005
6/20/2008	As	0.0048	0.0005
7/7/2008	As	0.0048	0.0005
7/7/2008	As	0.0048	0.0005
7/7/2008	As	0.0043	0.0005
7/8/2008	As	0.0054	0.0005
7/10/2008	As	0.0046	0.0005
7/10/2008	As	0.0048	0.0005
7/10/2008	As	0.0043	0.0005
7/11/2008	As	0.0035	0.0005
7/13/2008	As	0.0046	0.0005
7/15/2008	As	0.0043	0.0005

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
7/15/2008	As	0.0051	0.0005
7/30/2008	As	0.0040	0.0005
10/1/2008	As	0.0040	0.0005
10/1/2008	As	0.0059	0.0005
11/14/2008	As	0.0064	0.0016
2/13/2008	Se	0.0007	0.0004
4/18/2008	Se	0.0007	0.0004
4/18/2008	Se	0.0007	0.0004
6/9/2008	Se	0.0011	0.0004
6/20/2008	Se	0.0007	0.0004
7/8/2008	Se	0.0007	0.0004
7/11/2008	Se	0.0007	0.0004
1/28/2008	Br	0.0022	0.0004
2/1/2008	Br	0.0022	0.0004
2/1/2008	Br	0.0022	0.0004
2/1/2008	Br	0.0030	0.0004
2/1/2008	Br	0.0030	0.0004
2/1/2008	Br	0.0026	0.0004
2/8/2008	Br	0.0039	0.0004
2/8/2008	Br	0.0030	0.0004
2/13/2008	Br	0.0022	0.0004
2/15/2008	Br	0.0026	0.0004
3/2/2008	Br	0.0026	0.0004
4/9/2008	Br	0.0035	0.0004
4/18/2008	Br	0.0022	0.0004
4/18/2008	Br	0.0030	0.0004
6/9/2008	Br	0.0026	0.0004
6/9/2008	Br	0.0026	0.0004
6/10/2008	Br	0.0030	0.0004
6/10/2008	Br	0.0022	0.0004
6/10/2008	Br	0.0022	0.0004
6/11/2008	Br	0.0026	0.0004
6/11/2008	Br	0.0035	0.0004
6/12/2008	Br	0.0026	0.0004
6/12/2008	Br	0.0026	0.0004
6/13/2008	Br	0.0030	0.0004
6/13/2008	Br	0.0026	0.0004
6/17/2008	Br	0.0035	0.0004
6/19/2008	Br	0.0030	0.0004
6/19/2008	Br	0.0030	0.0004
6/20/2008	Br	0.0022	0.0004
7/7/2008	Br	0.0026	0.0004
7/7/2008	Br	0.0026	0.0004
7/7/2008	Br	0.0026	0.0004
7/8/2008	Br	0.0022	0.0004
7/10/2008	Br	0.0026	0.0004
7/10/2008	Br	0.0026	0.0004
7/10/2008	Br	0.0035	0.0004
7/11/2008	Br	0.0022	0.0004
7/13/2008	Br	0.0030	0.0004

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
7/15/2008	Br	0.0026	0.0004
7/15/2008	Br	0.0022	0.0004
7/30/2008	Br	0.0017	0.0004
10/1/2008	Br	0.0026	0.0004
10/1/2008	Br	0.0022	0.0004
1/28/2008	Rb	0.0600	0.0014
2/1/2008	Rb	0.0607	0.0014
2/1/2008	Rb	0.0600	0.0014
2/1/2008	Rb	0.0593	0.0014
2/1/2008	Rb	0.0586	0.0014
2/1/2008	Rb	0.0593	0.0014
2/8/2008	Rb	0.0593	0.0014
2/8/2008	Rb	0.0558	0.0014
2/13/2008	Rb	0.0586	0.0014
2/15/2008	Rb	0.0565	0.0014
3/2/2008	Rb	0.0586	0.0014
4/9/2008	Rb	0.0600	0.0014
4/18/2008	Rb	0.0643	0.0014
4/18/2008	Rb	0.0593	0.0014
6/9/2008	Rb	0.0593	0.0014
6/9/2008	Rb	0.0614	0.0014
6/10/2008	Rb	0.0572	0.0014
6/10/2008	Rb	0.0572	0.0014
6/10/2008	Rb	0.0579	0.0014
6/11/2008	Rb	0.0586	0.0014
6/11/2008	Rb	0.0586	0.0014
6/12/2008	Rb	0.0558	0.0014
6/12/2008	Rb	0.0600	0.0014
6/13/2008	Rb	0.0586	0.0014
6/13/2008	Rb	0.0586	0.0014
6/17/2008	Rb	0.0565	0.0014
6/19/2008	Rb	0.0544	0.0014
6/19/2008	Rb	0.0530	0.0014
6/20/2008	Rb	0.0544	0.0014
7/7/2008	Rb	0.0551	0.0014
7/7/2008	Rb	0.0551	0.0014
7/7/2008	Rb	0.0579	0.0014
7/8/2008	Rb	0.0551	0.0014
7/10/2008	Rb	0.0572	0.0014
7/10/2008	Rb	0.0522	0.0014
7/10/2008	Rb	0.0551	0.0014
7/11/2008	Rb	0.0515	0.0014
7/13/2008	Rb	0.0572	0.0014
7/15/2008	Rb	0.0544	0.0014
7/15/2008	Rb	0.0565	0.0014
7/30/2008	Rb	0.0530	0.0014
10/1/2008	Rb	0.0565	0.0014
10/1/2008	Rb	0.0537	0.0014
11/14/2008	Rb	0.0459	0.0042
1/28/2008	Sr	0.1716	0.0016

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/1/2008	Sr	0.1685	0.0016
2/1/2008	Sr	0.1693	0.0016
2/1/2008	Sr	0.1685	0.0016
2/1/2008	Sr	0.1716	0.0016
2/1/2008	Sr	0.1693	0.0016
2/8/2008	Sr	0.1724	0.0016
2/8/2008	Sr	0.1677	0.0016
2/13/2008	Sr	0.1614	0.0016
2/15/2008	Sr	0.1606	0.0016
3/2/2008	Sr	0.1716	0.0016
4/9/2008	Sr	0.1693	0.0016
4/18/2008	Sr	0.1724	0.0016
4/18/2008	Sr	0.1724	0.0016
6/9/2008	Sr	0.1708	0.0016
6/9/2008	Sr	0.1716	0.0016
6/10/2008	Sr	0.1677	0.0016
6/10/2008	Sr	0.1724	0.0016
6/10/2008	Sr	0.1724	0.0016
6/11/2008	Sr	0.1661	0.0016
6/11/2008	Sr	0.1685	0.0016
6/12/2008	Sr	0.1638	0.0016
6/12/2008	Sr	0.1716	0.0016
6/13/2008	Sr	0.1685	0.0016
6/13/2008	Sr	0.1685	0.0016
6/17/2008	Sr	0.1685	0.0016
6/19/2008	Sr	0.1661	0.0016
6/19/2008	Sr	0.1661	0.0016
6/20/2008	Sr	0.1638	0.0016
7/7/2008	Sr	0.1661	0.0016
7/7/2008	Sr	0.1677	0.0016
7/7/2008	Sr	0.1653	0.0016
7/8/2008	Sr	0.1638	0.0016
7/10/2008	Sr	0.1677	0.0016
7/10/2008	Sr	0.1646	0.0016
7/10/2008	Sr	0.1653	0.0016
7/11/2008	Sr	0.1630	0.0016
7/13/2008	Sr	0.1653	0.0016
7/15/2008	Sr	0.1653	0.0016
7/15/2008	Sr	0.1693	0.0016
7/30/2008	Sr	0.1630	0.0016
10/1/2008	Sr	0.1653	0.0016
10/1/2008	Sr	0.1661	0.0016
11/14/2008	Sr	0.1583	0.0055
1/28/2008	Zr	0.1403	0.0023
2/1/2008	Zr	0.1368	0.0023
2/1/2008	Zr	0.1333	0.0023
2/1/2008	Zr	0.1368	0.0023
2/1/2008	Zr	0.1344	0.0023
2/1/2008	Zr	0.1309	0.0023
2/8/2008	Zr	0.1414	0.0023

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/8/2008	Zr	0.1426	0.0023
2/13/2008	Zr	0.1414	0.0023
2/15/2008	Zr	0.1391	0.0023
3/2/2008	Zr	0.1356	0.0023
4/9/2008	Zr	0.1531	0.0023
4/18/2008	Zr	0.1520	0.0023
4/18/2008	Zr	0.1485	0.0023
6/9/2008	Zr	0.1414	0.0023
6/9/2008	Zr	0.1461	0.0023
6/10/2008	Zr	0.1496	0.0023
6/10/2008	Zr	0.1496	0.0023
6/10/2008	Zr	0.1543	0.0023
6/11/2008	Zr	0.1555	0.0023
6/11/2008	Zr	0.1496	0.0023
6/12/2008	Zr	0.1555	0.0023
6/12/2008	Zr	0.1391	0.0023
6/13/2008	Zr	0.1438	0.0023
6/13/2008	Zr	0.1426	0.0023
6/17/2008	Zr	0.1461	0.0023
6/19/2008	Zr	0.1438	0.0023
6/19/2008	Zr	0.1485	0.0023
6/20/2008	Zr	0.1391	0.0023
7/7/2008	Zr	0.1379	0.0023
7/7/2008	Zr	0.1379	0.0023
7/7/2008	Zr	0.1414	0.0023
7/8/2008	Zr	0.1391	0.0023
7/10/2008	Zr	0.1438	0.0023
7/10/2008	Zr	0.1438	0.0023
7/10/2008	Zr	0.1391	0.0023
7/11/2008	Zr	0.1333	0.0023
7/13/2008	Zr	0.1391	0.0023
7/15/2008	Zr	0.1403	0.0023
7/15/2008	Zr	0.1473	0.0023
7/30/2008	Zr	0.1438	0.0023
10/1/2008	Zr	0.1391	0.0023
10/1/2008	Zr	0.1403	0.0023
11/14/2008	Zr	0.1403	0.0058
3/2/2008	Mo	0.0062	0.0012
4/18/2008	Mo	0.0062	0.0012
6/10/2008	Ag	0.0131	0.0036
6/11/2008	Ag	0.0127	0.0036
6/12/2008	Ag	0.0134	0.0036
6/13/2008	Ag	0.0131	0.0036
6/20/2008	Ag	0.0138	0.0036
7/10/2008	Ag	0.0116	0.0036
7/15/2008	Ag	0.0116	0.0036
6/9/2008	Cd	0.0114	0.0036
6/11/2008	Cd	0.0126	0.0036
6/12/2008	Cd	0.0156	0.0036
6/13/2008	Cd	0.0129	0.0036

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/13/2008	Cd	0.0135	0.0036
7/7/2008	Cd	0.0114	0.0036
6/10/2008	I-LEAP	0.0167	0.0049
6/10/2008	I-LEAP	0.0170	0.0050
6/11/2008	I-LEAP	0.0281	0.0051
6/12/2008	I-LEAP	0.0173	0.0050
6/17/2008	I-LEAP	0.0204	0.0050
6/19/2008	I-LEAP	0.0398	0.0049
6/19/2008	I-LEAP	0.0303	0.0050
6/20/2008	I-LEAP	0.0233	0.0049
7/7/2008	I-LEAP	0.0244	0.0049
7/7/2008	I-LEAP	0.0318	0.0048
7/7/2008	I-LEAP	0.0298	0.0049
7/8/2008	I-LEAP	0.0396	0.0049
7/10/2008	I-LEAP	0.0220	0.0049
7/10/2008	I-LEAP	0.0321	0.0048
7/10/2008	I-LEAP	0.0271	0.0050
7/11/2008	I-LEAP	0.0311	0.0049
7/13/2008	I-LEAP	0.0240	0.0048
7/15/2008	I-LEAP	0.0345	0.0050
7/15/2008	I-LEAP	0.0285	0.0049
7/30/2008	I-LEAP	0.0337	0.0047
10/1/2008	I-LEAP	0.0306	0.0047
10/1/2008	I-LEAP	0.0289	0.0048
11/14/2008	I-LEAP	0.0474	0.0048
1/28/2008	Ba	0.0841	0.0044
2/1/2008	Ba	0.0768	0.0044
2/1/2008	Ba	0.0839	0.0044
2/1/2008	Ba	0.0787	0.0044
2/1/2008	Ba	0.0796	0.0044
2/1/2008	Ba	0.0875	0.0044
2/8/2008	Ba	0.0802	0.0044
2/8/2008	Ba	0.0812	0.0044
2/13/2008	Ba	0.0814	0.0044
2/15/2008	Ba	0.0787	0.0042
3/2/2008	Ba	0.0810	0.0044
4/9/2008	Ba	0.0856	0.0044
4/18/2008	Ba	0.0833	0.0042
4/18/2008	Ba	0.0927	0.0044
6/9/2008	Ba	0.0804	0.0042
6/9/2008	Ba	0.0856	0.0046
6/10/2008	Ba	0.0846	0.0044
6/10/2008	Ba	0.0804	0.0044
6/10/2008	Ba	0.0819	0.0044
6/11/2008	Ba	0.0902	0.0046
6/11/2008	Ba	0.0835	0.0044
6/12/2008	Ba	0.0787	0.0044
6/12/2008	Ba	0.0858	0.0044
6/13/2008	Ba	0.0745	0.0042
6/13/2008	Ba	0.0814	0.0044

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/17/2008	Ba	0.0841	0.0044
6/19/2008	Ba	0.0890	0.0042
6/19/2008	Ba	0.0915	0.0044
6/20/2008	Ba	0.0881	0.0044
7/7/2008	Ba	0.0938	0.0044
7/7/2008	Ba	0.0883	0.0042
7/7/2008	Ba	0.0796	0.0042
7/8/2008	Ba	0.0856	0.0042
7/10/2008	Ba	0.0879	0.0044
7/10/2008	Ba	0.0892	0.0042
7/10/2008	Ba	0.0818	0.0044
7/11/2008	Ba	0.0892	0.0044
7/13/2008	Ba	0.0881	0.0042
7/15/2008	Ba	0.0871	0.0044
7/15/2008	Ba	0.0900	0.0044
7/30/2008	Ba	0.0821	0.0040
10/1/2008	Ba	0.0781	0.0040
10/1/2008	Ba	0.0810	0.0042
11/14/2008	Ba	0.0919	0.0042
1/28/2008	Hg	0.0009	0.0003
2/1/2008	Hg	0.0011	0.0003
2/1/2008	Hg	0.0011	0.0003
2/1/2008	Hg	0.0007	0.0003
2/1/2008	Hg	0.0009	0.0003
2/8/2008	Hg	0.0008	0.0003
2/13/2008	Hg	0.0008	0.0003
2/15/2008	Hg	0.0009	0.0003
3/2/2008	Hg	0.0009	0.0003
4/18/2008	Hg	0.0014	0.0003
4/18/2008	Hg	0.0011	0.0003
6/9/2008	Hg	0.0013	0.0003
6/10/2008	Hg	0.0009	0.0003
6/10/2008	Hg	0.0009	0.0003
6/10/2008	Hg	0.0013	0.0003
6/11/2008	Hg	0.0007	0.0003
6/12/2008	Hg	0.0009	0.0003
6/13/2008	Hg	0.0008	0.0003
6/19/2008	Hg	0.0008	0.0003
6/19/2008	Hg	0.0007	0.0003
6/20/2008	Hg	0.0011	0.0003
7/7/2008	Hg	0.0008	0.0003
7/7/2008	Hg	0.0009	0.0003
7/8/2008	Hg	0.0011	0.0003
7/10/2008	Hg	0.0009	0.0003
7/10/2008	Hg	0.0012	0.0003
7/10/2008	Hg	0.0007	0.0003
7/11/2008	Hg	0.0011	0.0003
7/13/2008	Hg	0.0012	0.0003
7/15/2008	Hg	0.0013	0.0003
7/15/2008	Hg	0.0008	0.0003

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
7/30/2008	Hg	0.0012	0.0003
10/1/2008	Hg	0.0009	0.0003
10/1/2008	Hg	0.0011	0.0003
1/28/2008	Pb	0.0032	0.0004
2/1/2008	Pb	0.0035	0.0004
2/1/2008	Pb	0.0024	0.0004
2/1/2008	Pb	0.0032	0.0004
2/1/2008	Pb	0.0030	0.0004
2/1/2008	Pb	0.0035	0.0004
2/8/2008	Pb	0.0024	0.0004
2/8/2008	Pb	0.0035	0.0004
2/13/2008	Pb	0.0030	0.0004
2/15/2008	Pb	0.0028	0.0004
3/2/2008	Pb	0.0037	0.0004
4/9/2008	Pb	0.0032	0.0004
4/18/2008	Pb	0.0032	0.0004
4/18/2008	Pb	0.0032	0.0004
6/9/2008	Pb	0.0032	0.0004
6/9/2008	Pb	0.0030	0.0004
6/10/2008	Pb	0.0035	0.0004
6/10/2008	Pb	0.0030	0.0004
6/10/2008	Pb	0.0024	0.0004
6/11/2008	Pb	0.0022	0.0004
6/11/2008	Pb	0.0037	0.0004
6/12/2008	Pb	0.0032	0.0004
6/12/2008	Pb	0.0032	0.0004
6/13/2008	Pb	0.0037	0.0004
6/13/2008	Pb	0.0030	0.0004
6/17/2008	Pb	0.0037	0.0004
6/19/2008	Pb	0.0032	0.0004
6/19/2008	Pb	0.0030	0.0004
6/20/2008	Pb	0.0026	0.0004
7/7/2008	Pb	0.0026	0.0004
7/7/2008	Pb	0.0030	0.0004
7/7/2008	Pb	0.0037	0.0004
7/8/2008	Pb	0.0030	0.0004
7/10/2008	Pb	0.0030	0.0004
7/10/2008	Pb	0.0032	0.0004
7/10/2008	Pb	0.0039	0.0004
7/11/2008	Pb	0.0037	0.0004
7/13/2008	Pb	0.0032	0.0004
7/15/2008	Pb	0.0035	0.0004
7/15/2008	Pb	0.0028	0.0004
7/30/2008	Pb	0.0035	0.0004
10/1/2008	Pb	0.0032	0.0004
10/1/2008	Pb	0.0026	0.0004
1/28/2008	Bi	0.0031	0.0003
2/1/2008	Bi	0.0028	0.0003
2/1/2008	Bi	0.0025	0.0003
2/1/2008	Bi	0.0037	0.0003

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
2/1/2008	Bi	0.0028	0.0003
2/1/2008	Bi	0.0034	0.0003
2/8/2008	Bi	0.0022	0.0003
2/8/2008	Bi	0.0037	0.0003
2/13/2008	Bi	0.0028	0.0003
2/15/2008	Bi	0.0028	0.0003
3/2/2008	Bi	0.0031	0.0003
4/9/2008	Bi	0.0028	0.0003
4/18/2008	Bi	0.0028	0.0003
4/18/2008	Bi	0.0028	0.0003
6/9/2008	Bi	0.0031	0.0003
6/9/2008	Bi	0.0037	0.0003
6/10/2008	Bi	0.0034	0.0003
6/10/2008	Bi	0.0037	0.0003
6/10/2008	Bi	0.0037	0.0003
6/11/2008	Bi	0.0031	0.0003
6/11/2008	Bi	0.0034	0.0003
6/12/2008	Bi	0.0028	0.0003
6/12/2008	Bi	0.0031	0.0003
6/13/2008	Bi	0.0031	0.0003
6/13/2008	Bi	0.0028	0.0003
6/17/2008	Bi	0.0028	0.0003
6/19/2008	Bi	0.0037	0.0003
6/19/2008	Bi	0.0037	0.0003
6/20/2008	Bi	0.0044	0.0003
7/7/2008	Bi	0.0047	0.0003
7/7/2008	Bi	0.0040	0.0003
7/7/2008	Bi	0.0034	0.0003
7/8/2008	Bi	0.0040	0.0003
7/10/2008	Bi	0.0044	0.0003
7/10/2008	Bi	0.0047	0.0003
7/10/2008	Bi	0.0037	0.0003
7/11/2008	Bi	0.0040	0.0003
7/13/2008	Bi	0.0031	0.0003
7/15/2008	Bi	0.0037	0.0003
7/15/2008	Bi	0.0031	0.0003
7/30/2008	Bi	0.0047	0.0003
10/1/2008	Bi	0.0034	0.0003
10/1/2008	Bi	0.0037	0.0003
11/14/2008	Bi	0.0050	0.0016
1/28/2008	U	0.0029	0.0008
2/8/2008	U	0.0034	0.0008
6/10/2008	U	0.0029	0.0008
6/10/2008	U	0.0029	0.0008
6/10/2008	U	0.0032	0.0008
6/11/2008	U	0.0032	0.0008
6/11/2008	U	0.0029	0.0008
6/12/2008	U	0.0037	0.0008
6/12/2008	U	0.0026	0.0008
6/13/2008	U	0.0037	0.0008

Analysis Date	Element ^A	Signal (cps) ^B	Uncertainty
6/13/2008	U	0.0034	0.0008
6/17/2008	U	0.0047	0.0008
6/19/2008	U	0.0060	0.0008
6/19/2008	U	0.0076	0.0008
6/20/2008	U	0.0050	0.0008
7/7/2008	U	0.0058	0.0008
7/7/2008	U	0.0066	0.0008
7/7/2008	U	0.0058	0.0008
7/8/2008	U	0.0058	0.0008
7/10/2008	U	0.0055	0.0008
7/10/2008	U	0.0084	0.0008
7/10/2008	U	0.0063	0.0008
7/11/2008	U	0.0076	0.0008
7/13/2008	U	0.0058	0.0008
7/15/2008	U	0.0066	0.0008
7/15/2008	U	0.0060	0.0008
7/30/2008	U	0.0058	0.0008
10/1/2008	U	0.0055	0.0008
10/1/2008	U	0.0060	0.0008
11/14/2008	U	0.0097	0.0026

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

^BInterference corrected Compton normalized count rates