Analysis Report 04/22/04 03:48:18 PM page 1

Method: 6010B Sample Name: S2241-01 Operator: DR
Run Time: 04/22/04 15:46:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02705	-.00295	40.056	-.00167	.01409	46.589	.82322
SDev	.00201	.00443	1.121	.00372	.00271	.277	.00388
%RSD	7.4338	149.95	2.7997	222.91	19.210	.59395	.47151
#1	.02847	.00018	39.263	.00096	.01218	46.393	.82047
#2	.02563	-.00609	40.849	-.00430	.01600	46.784	.82596

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	.00534	19.934	.12040	.05243	.22592	125.64
SDev	.00008	.00160	.046	.00260	.00219	.00751	.44
%RSD	2.9426	30.049	.23056	2.1624	4.1821	3.3239	.35028
#1	.00264	.00647	19.901	.12224	.05398	.23123	125.33
#2	.00253	.00420	19.966	.11856	.05088	.22061	125.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2716	21.018	.15361	.01753	1.0973	.16567	.62188
SDev	.0027	.379	.00156	.02755	.9434	.00903	.00051
%RSD	.11929	1.8045	1.0176	157.12	85.980	5.4493	.08221
#1	2.2697	21.286	.15472	.03702	1.7644	.17205	.62225
#2	2.2736	20.749	.15250	-.00195	.43017	.15929	.62152

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2806	.01166	.01576	40.488	39.838	-.00366	-.00227
SDev	.0647	.00316	.00181	.282	1.540	.00422	.00347
%RSD	1.2247	27.073	11.467	.69720	3.8666	115.15	152.72
#1	5.2348	.00942	.01448	40.288	38.749	-.00068	.00018
#2	5.3263	.01389	.01704	40.687	40.927	-.00665	-.00472

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00250	-.00139	2.5604	.23498	6.9065
SDev	.00017	.00075	.0114	.00099	.0441
%RSD	6.6858	53.855	.44412	.42159	.63833
#1	-.00262	-.00086	2.5523	.23568	6.8754
#2	-.00239	-.00191	2.5684	.23428	6.9377

04/22/04

Analysis Report 04/22/04 03:50:15 PM

Method: 6010B Sample Name: S2216-01X10 Operator: DR
Run Time: 04/22/04 15:48:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	-.01222	.18948	22.702	.00728	-.00119	.00184
SDev	.00037	.00466	.21736	.371	.00120	.03405	.00042
%RSD	38.931	38.155	114.71	1.6344	16.445	2850.3	22.720
#1	.00068	-.01551	.34318	22.440	.00643	.02288	.00214
#2	.00120	-.00892	.03579	22.965	.00812	-.02527	.00155

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00064	2.9483	-.00141	-.00005	.00331	.21502
SDev	.00002	.00041	.0026	.00145	.00081	.00342	.10058
%RSD	59.652	63.458	.08839	103.12	1719.5	103.46	46.779
#1	-.00006	-.00093	2.9501	-.00243	-.00062	.00089	.28614
#2	-.00002	-.00035	2.9464	-.00038	.00053	.00573	.14390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00973	1.9419	.00022	-.00942	15.922	.00726	.09396
SDev	.00068	.1642	.00060	.01111	.584	.00369	.00007
%RSD	7.0135	8.4552	276.97	118.00	3.6675	50.799	.07579
#1	.00925	1.8258	-.00021	-.01728	15.509	.00465	.09401
#2	.01021	2.0580	.00064	-.00156	16.335	.00986	.09391

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.857	.00625	.00613	.04624	.25900	22.835	22.634
SDev	.161	.00255	.00152	.02141	.31518	.163	.475
%RSD	1.2552	40.831	24.803	46.306	121.69	.71572	2.0972
#1	12.971	.00445	.00720	.06138	.48187	22.719	22.299
#2	12.743	.00806	.00505	.03110	.03613	22.950	22.970

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00223	.00455	.00306	.00098	.24456
SDev	.00132	.00155	.00197	.00067	.00411
%RSD	59.194	34.164	64.146	67.926	1.6816
#1	.00130	.00565	.00445	.00051	.24165
#2	.00316	.00345	.00167	.00145	.24746

04/24/04

Analysis Report 04/22/04 03:52:13 PM page 1

Method: 6010B Sample Name: S2216-02X10 Operator: DR
Run Time: 04/22/04 15:50:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00191	-.01081	.00934	2.4070	.00889	-.04919	.00084
SDev	.00229	.00567	.00135	.0493	.00166	.00150	.00005
%RSD	119.42	52.433	14.451	2.0470	18.643	3.0589	6.2410
#1	.00030	-.01481	.01029	2.4418	.00772	-.05025	.00088
#2	.00353	-.00680	.00838	2.3722	.01007	-.04812	.00081

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00003	3.2054	.00017	.00029	.00964	.08881
SDev	.00002	.00027	.0327	.00014	.00088	.00017	.01182
%RSD	207.74	1001.7	1.0199	82.283	306.17	1.7935	13.313
#1	-.00000	.00016	3.2285	.00007	-.00033	.00952	.08045
#2	.00002	-.00022	3.1823	.00027	.00091	.00976	.09717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00745	2.2905	.00181	-.00119	5.3654	.00111	.06552
SDev	.00005	.0215	.00130	.00040	.2032	.00024	.00061
%RSD	.63308	.93895	71.846	33.654	3.7868	21.423	.92695
#1	.00748	2.3057	.00272	-.00147	5.5091	.00095	.06595
#2	.00741	2.2753	.00089	-.00091	5.2217	.00128	.06509

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.848	.00729	.00891	.00891	.00755	2.3756	2.4210
SDev	.096	.00071	.00356	.00084	.00160	.0176	.0649
%RSD	.80664	9.7150	39.977	9.4270	21.238	.74142	2.6821
#1	11.916	.00679	.00639	.00950	.00868	2.3881	2.4669
#2	11.781	.00779	.01143	.00831	.00642	2.3632	2.3751

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.00481	.00031	.00324	.32179
SDev	.00039	.00068	.00002	.00180	.00181
%RSD	25.248	14.208	6.7226	55.519	.56232
#1	.00127	.00433	.00033	.00197	.32307
#2	.00182	.00530	.00030	.00451	.32051

DW 4/22/04

Method: 6010B Sample Name: S2216-03X10 Operator: DR
Run Time: 04/22/04 15:52:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	-.00179	.00437	.03257	.00474	-.08892	.00474
SDev	.00228	.00361	.00141	.01086	.00139	.00298	.00042
%RSD	131.14	202.38	32.178	33.350	29.369	3.3480	8.8472
#1	.00013	-.00434	.00536	.04025	.00573	-.09102	.00504
#2	.00336	.00077	.00338	.02489	.00376	-.08681	.00444

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00307	-.00010	2.4072	-.00002	.00053	.02416	.18830
SDev	.00001	.00009	.0064	.00012	.00014	.00058	.06384
%RSD	.35854	90.172	.26572	592.46	25.696	2.3865	33.902
#1	-.00306	-.00004	2.4117	-.00010	.00043	.02456	.23344
#2	-.00307	-.00016	2.4027	.00006	.00062	.02375	.14316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02718	1.5607	.00100	-.00099	5.4216	2.1431	.09232
SDev	.00040	.0039	.00016	.00037	.1814	.0023	.00019
%RSD	1.4728	.25207	16.295	37.203	3.3457	.10558	.20707
#1	.02746	1.5635	.00112	-.00125	5.2934	2.1447	.09246
#2	.02689	1.5580	.00089	-.00073	5.5499	2.1415	.09219

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.4735	.01233	-.01366	.00487	.00212	.02946	.03252
SDev	.0080	.00302	.00187	.00918	.00248	.00935	.01161
%RSD	.10721	24.514	13.707	188.40	116.85	31.740	35.719
#1	7.4791	.01447	-.01499	.01137	.00037	.03608	.04073
#2	7.4678	.01019	-.01234	-.00162	.00387	.02285	.02430

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00345	.00034	.00081	.11300
SDev	.00050	.00124	.00006	.00002	.00494
%RSD	54.840	36.036	18.417	2.4940	4.3674
#1	.00127	.00257	.00039	.00080	.10951
#2	.00056	.00433	.00030	.00082	.11649

04/22/04

Analysis Report 04/22/04 03:56:42 PM page 1

Method: 6010B Sample Name: S2218-01X10 Operator: DR
Run Time: 04/22/04 15:54:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	-.00690	.00203	.01234	.00624	-.05422	.00151
SDev	.00104	.00581	.00082	.00036	.00139	.00036	.00005
%RSD	92.021	84.201	40.396	2.8898	22.270	.67210	3.4603
#1	-.00186	-.00279	.00145	.01259	.00526	-.05396	.00155
#2	-.00039	-.01101	.00262	.01209	.00723	-.05448	.00147

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00050	4.9048	-.00063	-.00012	.00111	.07961
SDev	.00001	.00009	.0235	.00008	.00057	.00000	.02012
%RSD	61.222	18.027	.47817	12.604	482.49	.11360	25.269
#1	-.00001	-.00057	4.9214	-.00058	-.00052	.00111	.09384
#2	-.00001	-.00044	4.8882	-.00069	.00029	.00111	.06539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00933	1.0233	.00133	-.00170	1.5079	.00136	.31899
SDev	.00016	.0034	.00003	.00078	.0512	.00083	.00153
%RSD	1.7671	.33321	2.2871	46.062	3.3957	60.957	.47998
#1	.00945	1.0257	.00135	-.00225	1.5441	.00078	.32008
#2	.00921	1.0209	.00131	-.00115	1.4717	.00195	.31791

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2077	.00455	.00643	.00028	.00091	.01473	.00955
SDev	.0235	.00118	.00654	.00009	.00128	.00077	.00015
%RSD	.45056	25.946	101.71	30.296	140.26	5.2067	1.5891
#1	5.2243	.00539	.00181	.00034	.00001	.01527	.00965
#2	5.1911	.00372	.01105	.00022	.00181	.01419	.00944

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.00429	.00057	-.00035	.07380
SDev	.00058	.00305	.00004	.00020	.00082
%RSD	70.289	71.082	7.4361	58.212	1.1145
#1	-.00123	.00644	.00054	-.00020	.07438
#2	-.00041	.00213	.00060	-.00049	.07322

4/22/04 DL

Ca = 25 mg/52 g
HK = 27.1 mg/52 g
Na = 7.54 mg/52 g

DR 4/22/04

Analysis Report QC Standard 04/22/04 03:59:51 PM page 1

Method: 6010B Sample Name: PB13814BL Operator: DR
Run Time: 04/22/04 15:57:51
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00149	-.00015	.00363	.00831	-.06139	-.00176
SDev	.00116	.00177	.00021	.00366	.00071	.00075	.00016
%RSD	194.01	118.93	134.48	100.84	8.4853	1.2265	8.9867
#1	.00141	.00274	-.00001	.00104	.00881	-.06085	-.00187
#2	-.00022	.00024	-.00030	.00622	.00781	-.06192	-.00164

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00036	.00155	-.00121	-.00012	-.00427	.01942
SDev	.00002	.00013	.00047	.00034	.00010	.00097	.02010
%RSD	144.11	36.119	30.592	27.979	85.582	22.740	103.50
#1	-.00002	-.00046	.00121	-.00145	-.00019	-.00495	.03364
#2	.00000	-.00027	.00188	-.00097	-.00005	-.00358	.00521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00083	-.00117	-.00125	-.74268	-.00041	-.00557
SDev	.00005	.00393	.00046	.00122	.18139	.00048	.00016
%RSD	38.784	473.52	39.555	97.827	24.424	117.42	2.8646
#1	.00009	-.00361	-.00084	-.00211	-.87094	-.00007	-.00545
#2	.00015	.00195	-.00150	-.00038	-.61442	-.00074	-.00568

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.31041	.00823	.00526	.00311	-.00378	.00778	-.00004
SDev	.02804	.00005	.00202	.00113	.00025	.00530	.00285
%RSD	9.0339	.57756	38.473	36.220	6.7026	68.060	7567.7
#1	-.33024	.00827	.00668	.00391	-.00396	.00404	-.00205
#2	-.29058	.00820	.00383	.00232	-.00360	.01153	.00198

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	-.00108	-.00012	.00261	.00156
SDev	.00110	.00143	.00008	.00091	.00888
%RSD	242.75	132.70	71.035	34.832	568.21
#1	-.00123	-.00209	-.00018	.00326	-.00472
#2	.00032	-.00007	-.00006	.00197	.00784

04/22/04

Analysis Report QC Standard 04/22/04 04:01:49 PM page 1

Method: 6010B Sample Name: PB13815BL Operator: DR
Run Time: 04/22/04 16:00:01
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	.00194	.00004	.00134	.00552	-.06721	-.00220
SDev	.00177	.00198	.00078	.00024	.00189	.00002	.00016
%RSD	77.197	101.97	1967.1	18.102	34.237	.02425	7.1567
#1	-.00104	.00334	-.00051	.00117	.00686	-.06720	-.00209
#2	-.00354	.00054	.00059	.00151	.00418	-.06722	-.00231

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00037	-.00096	-.00103	-.00057	-.00398	-.00317
SDev	.00001	.00002	.00118	.00048	.00142	.00046	.00472
%RSD	30.018	4.1730	122.88	46.499	247.82	11.504	148.92
#1	-.00001	-.00036	-.00013	-.00069	.00043	-.00366	.00017
#2	-.00002	-.00038	-.00180	-.00136	-.00157	-.00431	-.00650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00121	-.00047	-.00078	-.70840	.00018	-.00602
SDev	.00014	.00734	.00001	.00198	.45756	.00107	.00008
%RSD	75.313	607.32	2.2064	254.19	64.591	586.14	1.3655
#1	.00029	.00640	-.00048	.00062	-.38485	.00094	-.00608
#2	.00009	-.00398	-.00046	-.00218	-1.0319	-.00057	-.00596

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.31405	.00629	.00077	.00133	-.00260	.00753	-.00335
SDev	.09500	.00050	.00407	.00108	.00171	.00220	.00146
%RSD	30.250	12.736	529.42	81.245	65.887	29.237	43.581
#1	-.24688	.00686	.00365	.00209	-.00381	.00909	-.00439
#2	-.38123	.00573	-.00211	.00056	-.00139	.00597	-.00232

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00055	-.00037	.00167	-.00251
SDev	.00028	.00236	.00002	.00042	.00016
%RSD	94.821	430.31	5.6651	25.447	6.5596
#1	-.00010	.00222	-.00039	.00197	-.00239
#2	-.00049	-.00112	-.00036	.00137	-.00262

OK 4/22/04

Analysis Report QC Standard 04/22/04 04:04:51 PM page 1

Method: 6010B Sample Name: PB13814BS Operator: DR
Run Time: 04/22/04 16:03:04
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76345	1.9512	1.0011	1.9235	.72108	1.7643	1.8317
SDev	.00308	.0091	.0024	.0038	.00112	.0045	.0027
%RSD	.40317	.46445	.23715	.19769	.15554	.25639	.14908
#1	.76563	1.9576	1.0028	1.9208	.72029	1.7675	1.8336
#2	.76128	1.9448	.99943	1.9262	.72188	1.7611	1.8298

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18995	.20082	4.8310	.38815	.19656	.26996	2.7343
SDev	.00009	.00043	.0066	.00062	.00111	.00212	.0106
%RSD	.04743	.21492	.13731	.15870	.56641	.78380	.38798
#1	.19002	.20113	4.8357	.38858	.19735	.27146	2.7418
#2	.18989	.20052	4.8263	.38771	.19578	.26846	2.7268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19343	1.9166	.49792	.07360	2.5583	.27934	.20260
SDev	.00016	.0068	.00044	.00177	.3782	.00262	.00000
%RSD	.08502	.35579	.08884	2.3992	14.781	.93743	.00165
#1	.19354	1.9215	.49823	.07485	2.8257	.28119	.20260
#2	.19331	1.9118	.49761	.07235	Q2.2909	.27749	.20260

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8944	.72362	.71280	.99603	1.0016	1.9206	1.9233
SDev	.1320	.00303	.00270	.00084	.0031	.0102	.0006
%RSD	1.4840	.41855	.37856	.08468	.31332	.52996	.03239
#1	8.9877	.72148	.71471	.99663	1.0039	1.9134	1.9229
#2	8.8010	.72576	.71089	.99543	.99942	1.9278	1.9238

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36204	.27703	.17622	.66740	Q.65668
SDev	.00180	.00155	.00015	.00433	.00395
%RSD	.49833	.56106	.08396	.64828	.60121
#1	.36332	.27813	.17633	.67046	Q.65388
#2	.36077	.27593	.17612	.66435	Q.65947

04/22/04

Analysis Report QC Standard 04/22/04 04:07:34 PM page 1

Method: 6010B Sample Name: PB13815BS Operator: DR
Run Time: 04/22/04 16:05:22
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76744	1.9578	1.0029	1.9219	.71981	1.7658	1.8313
SDev	.00067	.0005	.0011	.0005	.00053	.0030	.0039
%RSD	.08746	.02536	.10856	.02781	.07400	.16956	.21506
#1	.76696	1.9581	1.0036	1.9223	.72019	1.7637	1.8285
#2	.76791	1.9574	1.0021	1.9215	.71943	1.7680	1.8341

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19008	.20129	4.8310	.38791	.19628	.26980	2.7309
SDev	.00044	.00037	.0100	.00060	.00024	.00040	.0012
%RSD	.23125	.18369	.20596	.15381	.12078	.14825	.04330
#1	.18977	.20103	4.8239	.38749	.19645	.26951	2.7301
#2	.19039	.20155	4.8380	.38833	.19611	.27008	2.7318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19359	1.9163	.49769	.07293	Q2.4093	.27875	.20274
SDev	.00040	.0031	.00435	.00017	.3060	.00012	.00036
%RSD	.20677	.16425	.87488	.22900	12.700	.04227	.17834
#1	.19331	1.9140	.49461	.07305	Q2.1930	.27883	.20249
#2	.19388	1.9185	.50076	.07281	2.6257	.27867	.20300

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8308	.72152	.71319	.99764	1.0035	1.9150	1.9237
SDev	.0023	.00109	.00377	.00277	.0030	.0015	.0000
%RSD	.02622	.15039	.52904	.27741	.30035	.07999	.00190
#1	8.8325	.72075	.71586	.99568	1.0056	1.9161	1.9237
#2	8.8292	.72228	.71052	.99959	1.0014	1.9140	1.9237

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36195	.27703	.17655	.66585	Q.66040
SDev	.00056	.00093	.00049	.00204	.00526
%RSD	.15417	.33664	.27534	.30668	.79710
#1	.36156	.27637	.17621	.66440	Q.65668
#2	.36235	.27769	.17689	.66729	Q.66412

04/26/04
wrong QC table

Analysis Report 04/22/04 04:11:18 PM page 1

Method: 6010B Sample Name: S2218-01 Operator: DR
Run Time: 04/22/04 16:09:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	-.05250	.00154	.02049	.01237	.05463	.03117
SDev	.00106	.00921	.00225	.00387	.00517	.00226	.00032
%RSD	71.086	17.537	146.66	18.902	41.748	4.1427	1.0096
#1	.00225	-.05901	-.00006	.01775	.00872	.05303	.03095
#2	.00074	-.04599	.00313	.02323	.01603	.05624	.03140

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00039	47.997	.00477	-.00019	.05050	.70349
SDev	.00001	.00011	.183	.00115	.00108	.00143	.03428
%RSD	87.673	27.615	.38052	24.189	559.02	2.8356	4.8729
#1	-.00002	-.00047	47.867	.00395	-.00096	.04949	.67925
#2	-.00001	-.00031	48.126	.00558	.00057	.05152	.72772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08681	9.8056	.01460	-.00399	23.313	.00115	3.0520
SDev	.00052	.0380	.00078	.00191	.000	.00119	.0144
%RSD	.59654	.38785	5.3522	47.978	.00000	104.02	.47212
#1	.08644	9.7787	.01405	-.00534	23.313	.00030	3.0418
#2	.08717	9.8324	.01516	-.00264	23.313	.00199	3.0622

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.079	.01082	.01229	.00551	-.00255	.03100	.01354
SDev	.351	.00085	.01382	.00275	.00186	.00539	.00297
%RSD	.46162	7.8110	112.46	49.962	73.161	17.400	21.946
#1	75.831	.01022	.00252	.00356	-.00386	.02719	.01144
#2	76.328	.01141	.02206	.00746	-.00123	.03482	.01565

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.03633	.00767	-.01106	.74322
SDev	.00013	.00137	.00002	.00018	.00625
%RSD	4.8615	3.7644	.27566	1.6459	.84108
#1	.00259	.03730	.00765	-.01093	.73880
#2	.00277	.03537	.00768	-.01118	.74764

04 4/24/04

Ca 240 mg/52 g
Na 121 mg/52 g
K 396 mg/52g

Analysis Report QC Standard 04/22/04 04:13:35 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 16:11:37
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1853	5.2180	5.3408	5.2587	5.1120	10.187	9.7133
SDev	.0340	.0598	.0322	.0516	.0265	.033	.0211
%RSD	.65592	1.1465	.60207	.98083	.51929	.32205	.21732
#1	5.1613	5.1757	5.3181	5.2223	5.0932	10.164	9.6984
#2	5.2094	5.2603	5.3635	5.2952	5.1307	10.210	9.7283

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25567	2.6570	26.045	1.0265	2.5829	1.2230	5.1179
SDev	.00182	.0157	.144	.0072	.0169	.0054	.0636
%RSD	.71135	.58938	.55116	.70294	.65557	.44513	1.2435
#1	.25438	2.6459	25.944	1.0214	2.5709	1.2192	5.0729
#2	.25696	2.6680	26.147	1.0316	2.5949	1.2269	5.1629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5523	25.974	2.6193	1.2585	24.717	2.5134	2.5849
SDev	.0165	.154	.0254	.0013	.010	.0156	.0137
%RSD	.64772	.59273	.96828	.10527	.03852	.62063	.52836
#1	2.5406	25.865	2.6014	1.2575	24.724	2.5024	2.5752
#2	2.5640	26.083	2.6372	1.2594	24.710	2.5245	2.5945

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.961	5.1254	5.0818	5.3039	5.3573	5.2683	5.2524
SDev	.052	.0136	.0525	.0043	.0459	.0082	.0733
%RSD	.20777	.26507	1.0332	.08181	.85681	.15499	1.3947
#1	24.924	5.1158	5.0447	5.3009	5.3248	5.2625	5.2006
#2	24.997	5.1350	5.1189	5.3070	5.3898	5.2741	5.3042

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1301	5.0943	5.0244	5.2372	5.2159
SDev	.0339	.0708	.0315	.0462	.0790
%RSD	.65986	1.3901	.62680	.88212	1.5138
#1	5.1061	5.0442	5.0021	5.2045	5.2718
#2	5.1540	5.1444	5.0466	5.2699	5.1601

DR 4/22/04

Analysis Report QC Standard 04/22/04 04:17:47 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 16:16:02
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	.00224	.00204	.00255	.00461	-.06535	.00055
SDev	.00024	.01176	.00254	.00067	.00194	.00336	.00037
%RSD	19.584	526.10	124.53	26.170	42.138	5.1461	67.190
#1	.00107	Q.01055	.00384	.00303	.00324	-.06773	.00081
#2	.00142	-.00608	.00024	.00208	.00598	-.06297	.00029

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00046	.00724	-.00059	.00076	-.00451	-.00400
SDev	.00003	.00007	.00284	.00014	.00061	.00109	.00592
%RSD	46.451	16.349	39.269	23.573	79.470	24.077	147.89
#1	.00009	.00040	.00925	-.00049	.00119	-.00374	-.00819
#2	.00004	.00051	.00523	-.00069	.00033	-.00528	.00018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.00622	.00059	-.00042	.20498	.00018	-.00460
SDev	.00009	.00970	.00081	.00020	.27824	.00060	.00016
%RSD	11.456	156.10	137.41	46.928	135.74	323.97	3.5115
#1	.00089	.01308	.00117	-.00028	.40172	.00060	-.00448
#2	.00075	-.00065	.00002	-.00055	.00823	-.00024	-.00471

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03212	.00519	.00024	.00131	.00041	.00798	-.00186
SDev	.06483	.00340	.00099	.00342	.00210	.00010	.00110
%RSD	201.83	65.597	406.01	261.69	515.29	1.1943	59.077
#1	.07796	.00278	.00094	.00373	.00189	.00805	-.00108
#2	-.01372	.00760	-.00045	-.00111	-.00108	.00791	-.00263

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00732	.00063	.00367	.00005
SDev	.00108	.00298	.00034	.00342	.00444
%RSD	94.686	40.773	53.828	93.103	8677.7
#1	.00038	.00943	.00087	.00609	-.00309
#2	.00190	.00521	.00039	.00125	.00319

DR 4/22/04

Method: 6010B Sample Name: S2186-01 Operator: DR
Run Time: 04/22/04 16:18:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	-.00671	.00024	-.00278	.00508	-.04602	.46422
SDev	.00159	.00411	.00254	.00279	.00248	.00525	.00052
%RSD	111.90	61.205	1042.5	100.38	48.911	11.410	.11315
#1	.00030	-.00961	.00204	-.00081	.00332	-.04973	.46459
#2	.00254	-.00381	-.00155	-.00475	.00683	-.04231	.46384

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00030	158.21	-.00083	.00126	-.00054	.05121
SDev	.00001	.00012	.10	.00020	.00057	.00143	.01300
%RSD	24.068	39.909	.06618	23.981	45.403	262.68	25.393
#1	.00002	-.00022	158.13	-.00097	.00086	-.00156	.04201
#2	.00003	-.00039	158.28	-.00069	.00167	.00047	.06040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0131	39.883	.01137	-.00264	95.064	-.00091	.01120
SDev	.0002	.046	.00101	.00084	.337	.00048	.00012
%RSD	.02321	.11443	8.8696	31.643	.35446	52.494	1.0498
#1	1.0129	39.851	.01066	-.00323	94.826	-.00125	.01112
#2	1.0132	39.916	.01208	-.00205	95.303	-.00057	.01129

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8064	.00639	-.00076	.00492	-.00409	.00603	-.00878
SDev	.0265	.00709	.00675	.00094	.00428	.00444	.00640
%RSD	.94407	110.94	888.68	19.079	104.56	73.613	72.91[illegible]
#1	2.7877	.00138	.00401	.00426	-.00107	.00289	-.00425
#2	2.8252	.01141	-.00553	.00558	-.00711	.00916	-.01330

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.26085	.00008	-.00462	8.4426
SDev	.00039	.00404	.00011	.00063	.0345
%RSD	240.05	1.5492	140.39	13.561	.40917
#1	.00011	.25800	.00000	-.00418	8.4182
#2	-.00044	.26371	.00015	-.00507	8.4671

04/14/04

Analysis Report 04/22/04 04:22:00 PM page 1

Method: 6010B Sample Name: S2186-01D Operator: DR
Run Time: 04/22/04 16:20:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	-.00160	-.00011	-.00294	.00535	-.04124	.46511
SDev	.00250	.00241	.00029	.00228	.00052	.00075	.00000
%RSD	253.20	150.52	255.27	77.638	9.7102	1.8075	.00005
#1	-.00078	.00010	-.00032	-.00455	.00498	-.04071	.46511
#2	.00275	-.00331	.00009	-.00133	.00571	-.04177	.46511

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00003	158.44	-.00006	.00219	-.00131	.04450
SDev	.00001	.00042	.06	.00006	.00034	.00080	.02011
%RSD	204.85	1220.3	.03708	107.19	15.384	60.866	45.190
#1	-.00000	-.00033	158.40	-.00001	.00195	-.00188	.05872
#2	.00001	.00026	158.48	-.00010	.00243	-.00075	.03028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0122	39.908	.01268	-.00144	95.436	.00027	.01129
SDev	.0002	.029	.00008	.00070	.019	.00024	.00024
%RSD	.01860	.07229	.65257	48.765	.01941	87.576	2.1601
#1	1.0121	39.887	.01262	-.00194	95.449	.00010	.01112
#2	1.0123	39.928	.01274	-.00095	95.422	.00044	.01147

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8471	.00699	-.00115	.00495	-.00464	.00431	-.00816
SDev	.0006	.00114	.00072	.00208	.00061	.00635	.00025
%RSD	.01980	16.249	62.435	42.083	13.138	147.25	3.0722
#1	2.8475	.00619	-.00064	.00348	-.00421	-.00018	-.00833
#2	2.8467	.00779	-.00165	.00643	-.00507	.00880	-.00798

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.26156	-.00012	-.00306	8.5243
SDev	.00026	.00031	.00008	.00117	.0109
%RSD	27.261	.11885	71.035	38.277	.12737
#1	.00114	.26134	-.00006	-.00389	8.5166
#2	.00077	.26178	-.00018	-.00223	8.5320

04/22/04

Analysis Report 04/22/04 04:23:51 PM page 1

Method: 6010B Sample Name: S2186-01LX5 Operator: DR
Run Time: 04/22/04 16:22:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	.00601	.00041	-.00234	.00286	-.06324	.09312
SDev	.00122	.00226	.00176	.00255	.00429	.00711	.00011
%RSD	82.841	37.634	423.39	108.86	150.07	11.247	.11269
#1	-.00233	.00441	.00166	-.00054	.00590	-.05821	.09304
#2	-.00061	.00761	-.00083	-.00415	-.00017	-.06827	.09319

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.00006	33.620	-.00124	.00021	-.00431	.01022
SDev	.00001	.00021	.122	.00026	.00064	.00068	.00946
%RSD	156.10	377.03	.36146	20.901	298.56	15.898	92.543
#1	-.00000	.00021	33.534	-.00142	-.00024	-.00382	.00353
#2	.00001	-.00009	33.706	-.00105	.00067	-.00479	.01691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21208	8.3718	.00365	-.00155	16.454	-.00032	-.00206
SDev	.00094	.0698	.00079	.00031	.052	.00012	.00041
%RSD	.44425	.83336	21.718	20.153	.31828	37.241	19.852
#1	.21142	8.3224	.00309	-.00133	16.491	-.00041	-.00177
#2	.21275	8.4211	.00421	-.00177	16.417	-.00024	-.00234

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41000	.00232	.00075	.00148	-.00212	.00185	-.00604
SDev	.02537	.01182	.01079	.00315	.00106	.01082	.00158
%RSD	6.1871	510.32	1443.6	212.86	50.050	585.49	26.103
#1	.42794	.01068	-.00688	.00371	-.00137	.00950	-.00715
#2	.39206	-.00604	.00837	-.00075	-.00287	-.00580	-.00492

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.05687	-.00009	.00010	1.8011
SDev	.00006	.00243	.00004	.00006	.0081
%RSD	50.678	4.2640	47.430	63.268	.44753
#1	-.00007	.05858	-.00006	.00005	1.8068
#2	-.00015	.05515	-.00012	.00014	1.7954

Analysis Report 04/22/04 04:26:17 PM page 1

Method: 6010B Sample Name: S2186-01S Operator: DR
Run Time: 04/22/04 16:24:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77735	1.9036	.96995	1.9667	.76813	1.9049	2.3739
SDev	.00018	.0053	.00640	.0093	.00519	.0011	.0068
%RSD	.02348	.27892	.66004	.47243	.67519	.05918	.28758
#1	.77748	1.8998	.96543	1.9602	.76446	1.9057	2.3691
#2	.77722	1.9073	.97448	1.9733	.77180	1.9041	2.3787

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19073	.19456	173.23	.38913	.18948	.27352	2.7970
SDev	.00024	.00045	.22	.00030	.00054	.00120	.0236
%RSD	.12646	.23354	.12922	.07669	.28481	.43819	.84542
#1	.19056	.19424	173.07	.38892	.18910	.27267	2.8137
#2	.19090	.19489	173.39	.38934	.18986	.27436	2.7803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2697	44.548	.48847	.08290	106.15	.28187	.21045
SDev	.0010	.057	.00090	.00021	.25	.00071	.00044
%RSD	.07604	.12776	.18343	.25724	.23771	.25336	.21062
#1	1.2690	44.508	.48784	.08275	105.97	.28237	.21014
#2	1.2704	44.588	.48910	.08305	106.33	.28136	.21077

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.639	.76918	.76282	.96341	.97092	1.9536	1.9715
SDev	.029	.00506	.00544	.00134	.00879	.0092	.0094
%RSD	.18383	.65769	.71339	.13934	.90500	.46867	.47472
#1	15.660	.76560	.75897	.96246	.96471	1.9472	1.9645
#2	15.619	.77276	.76667	.96436	.97713	1.9601	1.9781

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38489	.55523	.18628	.68396	10.061
SDev	.00305	.00367	.00021	.00113	.087
%RSD	.79252	.66067	.11347	.16554	.86170
#1	.38273	.55263	.18613	.68316	9.9992
#2	.38705	.55782	.18643	.68476	10.122

DR 4/22/04

Analysis Report 04/22/04 04:28:33 PM page 1

Method: 6010B Sample Name: S2186-01SD Operator: DR
Run Time: 04/22/04 16:26:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77433	1.8915	.97017	1.9725	.77159	1.8983	2.3738
SDev	.00280	.0211	.00290	.0008	.00089	.0022	.0048
%RSD	.36188	1.1164	.29925	.04236	.11579	.11820	.20351
#1	.77632	1.8766	.97223	1.9731	.77222	1.8967	2.3772
#2	.77235	1.9064	.96812	1.9720	.77096	1.8998	2.3704

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19028	.19335	172.77	.38818	.18979	.27271	2.7836
SDev	.00019	.00032	.15	.00026	.00078	.00017	.0142
%RSD	.09978	.16737	.08816	.06664	.40901	.06345	.51023
#1	.19041	.19358	172.88	.38799	.18924	.27258	2.7736
#2	.19014	.19312	172.67	.38836	.19034	.27283	2.7937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2655	44.393	.48582	.08358	106.40	.28060	.21047
SDev	.0008	.041	.00114	.00085	.04	.00083	.00020
%RSD	.06700	.09216	.23525	1.0111	.03877	.29638	.09641
#1	1.2661	44.421	.48663	.08298	106.43	.28119	.21033
#2	1.2649	44.364	.48501	.08418	106.37	.28001	.21062

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.684	.77600	.75954	.97137	.96748	1.9749	1.9697
SDev	.014	.00279	.00827	.00551	.00118	.0011	.0007
%RSD	.08986	.35925	1.0884	.56731	.12169	.05325	.03693
#1	15.674	.77403	.76539	.97527	.96831	1.9757	1.9703
#2	15.694	.77798	.75370	.96747	.96665	1.9742	1.9692

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38363	.55655	.18573	.67894	10.139
SDev	.00052	.00044	.00006	.00297	.019
%RSD	.13575	.07820	.03414	.43775	.18820
#1	.38326	.55685	.18568	.67684	10.152
#2	.38399	.55624	.18577	.68104	10.125

04 4/22/04

Analysis Report 04/22/04 04:30:29 PM

Method: 6010B Sample Name: S2186-01A Operator: DR
Run Time: 04/22/04 16:28:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78283	1.9072	.97251	1.9786	.77438	1.9075	2.3932
SDev	.00146	.0067	.00039	.0013	.00027	.0131	.0037
%RSD	.18691	.34946	.04047	.06429	.03496	.68755	.15358
#1	.78179	1.9119	.97279	1.9795	.77419	1.8983	2.3906
#2	.78386	1.9025	.97223	1.9777	.77457	1.9168	2.3958

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19178	.19554	173.99	.39071	.19108	.27469	2.7945
SDev	.00023	.00009	.25	.00030	.00051	.00092	.0438
%RSD	.12037	.04676	.14241	.07633	.26491	.33425	1.5658
#1	.19162	.19560	173.81	.39050	.19072	.27404	2.7635
#2	.19194	.19547	174.17	.39092	.19144	.27534	2.8254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2752	44.704	.49110	.08362	107.20	.28229	.21215
SDev	.0017	.065	.00039	.00010	.51	.00036	.00059
%RSD	.13111	.14550	.07982	.12317	.47373	.12724	.27951
#1	1.2740	44.658	.49137	.08369	106.84	.28204	.21173
#2	1.2764	44.750	.49082	.08355	107.55	.28254	.21257

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.787	.77733	.76527	.96634	.97379	1.9673	1.9827
SDev	.086	.00346	.00773	.00146	.00132	.0055	.0008
%RSD	.54634	.44442	1.0105	.15113	.13547	.27726	.04136
#1	15.726	.77977	.75980	.96531	.97472	1.9712	1.9821
#2	15.848	.77489	.77073	.96737	.97286	1.9635	1.9833

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38589	.55954	.18634	.68625	10.241
SDev	.00127	.00205	.00047	.00279	.025
%RSD	.32776	.36667	.24954	.40657	.24255
#1	.38499	.55809	.18601	.68427	10.223
#2	.38678	.56099	.18667	.68822	10.259

CU 4/22/04

Analysis Report 04/22/04 04:32:47 PM

Method: 6010B Sample Name: S2186-02 Operator: DR
Run Time: 04/22/04 16:31:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	.00037	.00102	-.00044	.00530	.00061	.53246
SDev	.00161	.00014	.00025	.00281	.00131	.00299	.00220
%RSD	58.168	37.467	24.365	638.34	24.828	494.28	.41420
#1	.00392	.00047	.00085	-.00243	.00437	.00272	.53090
#2	.00163	.00027	.00120	.00155	.00623	-.00151	.53402

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00008	89.949	.00044	.00031	-.00297	.06707
SDev	.00002	.00029	.040	.00008	.00057	.00051	.00236
%RSD	17.633	354.21	.04398	18.204	184.97	17.333	3.5151
#1	.00011	.00029	89.921	.00038	.00072	-.00260	.06540
#2	.00009	-.00012	89.977	.00049	-.00010	-.00333	.06874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28846	22.365	.00403	-.00118	27.922	.00103	.00711
SDev	.00033	.019	.00076	.00008	.281	.00060	.00004
%RSD	.11428	.08444	18.887	6.6305	1.0079	57.800	.58474
#1	.28869	22.351	.00457	-.00112	28.121	.00061	.00708
#2	.28822	22.378	.00349	-.00123	27.723	.00145	.00714

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0702	.00622	.00025	.00309	-.00201	.00349	-.00400
SDev	.0180	.00005	.00386	.00055	.00010	.00010	.00417
%RSD	.87136	.75355	1555.6	17.904	4.8033	2.7521	104.24
#1	2.0830	.00619	-.00248	.00270	-.00208	.00342	-.00695
#2	2.0575	.00625	.00297	.00349	-.00194	.00356	-.00105

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.18014	-.00019	-.00055	7.1703
SDev	.00007	.00006	.00011	.00073	.0349
%RSD	7.1944	.03452	54.546	132.95	.48637
#1	.00098	.18018	-.00012	-.00003	7.1457
#2	.00109	.18009	-.00027	-.00106	7.1950

EL 4/22/04

Analysis Report 04/22/04 04:34:56 PM page 1

Method: 6010B Sample Name: S2186-03 Operator: DR
Run Time: 04/22/04 16:32:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	-.00307	.00123	-.00025	.00434	-.06694	-.00124
SDev	.00219	.00708	.00062	.00457	.00233	.00488	.00016
%RSD	269.93	230.47	50.648	1848.4	53.629	7.2955	12.741
#1	-.00074	.00193	.00079	.00298	.00270	-.06349	-.00112
#2	.00236	-.00808	.00167	-.00348	.00599	-.07040	-.00135

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00048	.09836	-.00090	-.00005	-.00415	-.01069
SDev	.00002	.00039	.00237	.00062	.00128	.00126	.01773
%RSD	35.918	81.603	2.4083	68.527	2734.7	30.373	165.82
#1	.00008	-.00020	.09668	-.00046	.00086	-.00326	.00184
#2	.00005	-.00076	.10003	-.00134	-.00095	-.00504	-.02323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00418	-.00080	-.00106	-.03965	-.00007	-.00545
SDev	.00002	.01888	.00029	.00119	.13119	.00095	.00024
%RSD	4.4305	452.14	36.064	112.46	330.87	1370.3	4.3879
#1	.00052	-.00918	-.00059	-.00022	.05311	.00060	-.00528
#2	.00055	.01753	-.00100	-.00191	-.13241	-.00074	-.00562

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	.00415	.00152	.00115	-.00073	.00476	-.00444
SDev	.04059	.00497	.00295	.00385	.00099	.00287	.00842
%RSD	879.19	119.56	194.51	335.99	135.69	60.367	189.47
#1	.03332	.00064	.00361	-.00158	-.00003	.00273	.00151
#2	-.02408	.00767	-.00057	.00387	-.00143	.00679	-.01040

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00349	-.00039	.00458	.04274
SDev	.00045	.00143	.00000	.00067	.01481
%RSD	204.12	40.920	.00000	14.552	34.639
#1	.00053	.00451	-.00039	.00506	.05321
#2	-.00010	.00248	-.00039	.00411	.03227

OK 4/24/04

Analysis Report 04/22/04 04:36:49 PM page 1

Method: 6010B Sample Name: S2186-04 Operator: DR
Run Time: 04/22/04 16:35:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	-.00246	-.00070	-.00224	.00377	-.03012	1.1718
SDev	.00040	.00120	.00104	.00321	.00207	.00451	.0035
%RSD	14.632	48.774	148.40	143.58	54.876	14.956	.30025
#1	.00302	-.00331	-.00144	.00003	.00231	-.03331	1.1694
#2	.00245	-.00161	.00003	-.00451	.00524	-.02694	1.1743

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00080	79.462	.00097	-.00052	-.00310	.00184
SDev	.00002	.00036	.041	.00219	.00202	.00137	.00946
%RSD	93.675	45.247	.05217	225.35	386.15	44.297	514.33
#1	.00001	-.00106	79.491	.00252	-.00196	-.00213	.00853
#2	.00004	-.00055	79.433	-.00058	.00091	-.00406	-.00485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01304	32.543	-.00018	.00064	12.691	.00069	.01066
SDev	.00000	.666	.00178	.00194	.749	.00012	.00024
%RSD	.00211	2.0479	990.66	300.70	5.9019	16.576	2.2922
#1	.01304	33.015	-.00144	-.00072	13.221	.00061	.01049
#2	.01304	32.072	.00108	.00201	12.162	.00077	.01084

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9957	.00311	.00190	.00195	-.00403	.00001	-.00496
SDev	.1144	.00909	.01198	.00583	.00135	.00032	.00498
%RSD	5.7342	292.09	630.90	298.47	33.407	2499.7	100.33
#1	1.9147	-.00331	.01037	-.00217	-.00308	-.00021	-.00144
#2	2.0766	.00954	-.00657	.00607	-.00498	.00024	-.00848

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.04996	-.00090	-.00118	8.8021
SDev	.00006	.00075	.00008	.00081	.0349
%RSD	75.382	1.4932	9.4338	68.739	.39620
#1	.00011	.05049	-.00084	-.00175	8.7774
#2	.00003	.04944	-.00096	-.00060	8.8267

OK 4/22/04

Analysis Report 04/22/04 04:40:18 PM page 1

Method: 6010B Sample Name: S2186-06 Operator: DR
Run Time: 04/22/04 16:37:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	-.00439	.00177	-.00041	.00386	-.02244	.58018
SDev	.00204	.00368	.00165	.00151	.00084	.00263	.00110
%RSD	500.95	83.985	93.113	369.80	21.629	11.701	.19006
#1	-.00104	-.00178	.00294	-.00148	.00327	-.02059	.57940
#2	.00185	-.00699	.00060	.00066	.00445	-.02430	.58096

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00014	67.024	.00135	-.00007	-.00390	.04868
SDev	.00002	.00033	.028	.00058	.00064	.00046	.00947
%RSD	640.74	234.01	.04241	42.692	904.78	11.695	19.464
#1	.00002	-.00038	67.045	.00176	-.00052	-.00358	.04198
#2	-.00001	.00009	67.004	.00094	.00038	-.00422	.05537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	28.357	.00002	-.00006	10.152	.00036	.00997
SDev	.00009	.022	.00227	.00099	.070	.00083	.00036
%RSD	1.9012	.07862	14325.	1648.2	.68783	233.13	3.6512
#1	.00502	28.373	.00162	.00064	10.201	.00095	.01023
#2	.00488	28.341	-.00159	-.00076	10.102	-.00023	.00972

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3388	.00311	.00216	.00409	-.00139	.00237	-.00339
SDev	.0299	.00028	.00193	.00244	.00125	.00000	.00227
%RSD	2.2317	9.1849	89.558	59.683	90.233	.02570	66.900
#1	1.3599	.00291	.00079	.00582	-.00050	.00237	-.00500
#2	1.3176	.00331	.00353	.00236	-.00227	.00237	-.00179

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.02433	-.00067	-.00306	8.7260
SDev	.00089	.00116	.00044	.00251	.0507
%RSD	441.60	4.8547	66.050	81.833	.58064
#1	-.00083	.02517	-.00036	-.00129	8.6902
#2	.00043	.02350	-.00099	-.00484	8.7618

04/22/04

Analysis Report QC Standard 04/22/04 04:42:18 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 16:40:32
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1633	5.2341	5.2903	5.1944	5.0522	10.063	9.6841
SDev	.0178	.0448	.0524	.1086	.0263	.024	.0214
%RSD	.34524	.85629	.99143	2.0911	.51995	.24169	.22069
#1	5.1507	5.2024	5.2532	5.1176	5.0336	10.046	9.6690
#2	5.1759	5.2658	5.3274	5.2712	5.0707	10.081	9.6992

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25446	2.6511	25.963	1.0198	2.5650	1.2091	5.0638
SDev	.00081	.0107	.043	.0023	.0071	.0018	.0084
%RSD	.31651	.40261	.16605	.23024	.27618	.15164	.16505
#1	.25389	2.6435	25.933	1.0182	2.5599	1.2078	5.0579
#2	.25503	2.6586	25.994	1.0215	2.5700	1.2104	5.0697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5311	25.862	2.6123	1.2527	24.542	2.4969	2.5642
SDev	.0068	.002	.0083	.0026	.309	.0067	.0120
%RSD	.26982	.00710	.31719	.20534	1.2609	.26662	.46824
#1	2.5263	25.863	2.6065	1.2509	24.323	2.5016	2.5557
#2	2.5360	25.861	2.6182	1.2545	24.761	2.4921	2.5727

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.787	5.0881	4.9769	5.2706	5.2982	5.2372	5.1714
SDev	.043	.0098	.0986	.0046	.0808	.0000	.1628
%RSD	.17512	.19345	1.9812	.08661	1.5245	.00057	3.1489
#1	24.817	5.0951	4.9072	5.2738	5.2411	5.2372	5.0563
#2	24.756	5.0812	5.0466	5.2674	5.3553	5.2372	5.2866

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1203	5.0628	4.9876	5.2064	5.2308
SDev	.0140	.0694	.0096	.0165	.0036
%RSD	.27317	1.3705	.19282	.31611	.06918
#1	5.1104	5.0137	4.9808	5.1948	5.2334
#2	5.1302	5.1118	4.9944	5.2180	5.2283

bh 4/26/04

Analysis Report QC Standard 04/22/04 04:45:21 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 16:42:38
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.00384	.00029	-.00009	.00539	-.06085	.00025
SDev	.00134	.00014	.00028	.00044	.00049	.00299	.00005
%RSD	84.465	3.6503	99.027	477.53	9.0274	4.9137	21.025
#1	.00254	.00374	.00009	.00022	.00574	-.05874	.00021
#2	.00064	.00394	.00049	-.00041	.00505	-.06297	.00029

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00029	.03488	-.00103	.00010	-.00451	-.00734
SDev	.00001	.00003	.00071	.00020	.00000	.00006	.00829
%RSD	10.481	11.865	2.0376	19.399	.16038	1.2818	112.87
#1	.00006	.00031	.03538	-.00089	.00010	-.00447	-.00148
#2	.00007	.00026	.03437	-.00117	.00010	-.00455	-.01320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.01326	-.00073	-.00081	-.09501	-.00024	-.00465
SDev	.00005	.00131	.00077	.00036	.18091	.00071	.00032
%RSD	6.5390	9.8868	105.33	44.454	190.42	299.72	6.9234
#1	.00069	.01419	-.00019	-.00055	-.22293	-.00074	-.00442
#2	.00075	.01234	-.00128	-.00106	.03292	.00027	-.00488

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01531	.00546	.00206	.00249	-.00281	.00536	-.00442
SDev	.01466	.00094	.00043	.00032	.00058	.00475	.00304
%RSD	95.708	17.300	20.808	12.646	20.685	88.613	68.798
#1	-.02568	.00613	.00176	.00272	-.00323	.00200	-.00227
#2	-.00495	.00479	.00237	.00227	-.00240	.00873	-.00657

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.01528	.00067	.00610	.01273
SDev	.00004	.00752	.00019	.00042	.00099
%RSD	15.184	49.245	28.261	6.9600	7.7533
#1	.00027	.02060	.00054	.00640	.01203
#2	.00022	.00996	.00081	.00580	.01343

DU 4/16/04

Method: 6010B Sample Name: S2186-07 Operator: DR
Run Time: 04/22/04 16:45:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00337	.00085	-.00100	.00634	-.03224	1.1358
SDev	.00149	.00333	.00008	.00727	.00176	.00000	.0076
%RSD	1336.3	98.764	9.4157	728.92	27.787	.00941	.67038
#1	.00094	-.00572	.00091	.00415	.00509	-.03224	1.1304
#2	-.00117	-.00102	.00079	-.00614	.00758	-.03224	1.1412

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00019	77.414	.00038	.00053	-.00427	.01689
SDev	.00002	.00006	.021	.00012	.00108	.00029	.00710
%RSD	177.03	33.571	.02754	31.403	205.50	6.7277	42.024
#1	-.00000	-.00024	77.429	.00030	-.00024	-.00447	.01187
#2	.00003	-.00015	77.399	.00046	.00129	-.00406	.02191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01558	31.251	.00139	.00048	11.946	.00078	.01465
SDev	.00009	.124	.00141	.00194	.295	.00024	.00024
%RSD	.60520	.39781	101.29	403.96	2.4665	30.634	1.6482
#1	.01564	31.339	.00040	-.00089	11.738	.00094	.01448
#2	.01551	31.163	.00239	.00185	12.154	.00061	.01482

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9789	.00773	.00036	.00419	-.00282	.00586	-.00602
SDev	.0862	.00236	.00056	.00363	.00193	.00609	.00786
%RSD	4.3584	30.588	154.98	86.625	68.558	104.06	130.64
#1	1.9179	.00605	-.00003	.00162	-.00145	.01017	-.00046
#2	2.0399	.00940	.00075	.00676	-.00418	.00155	-.01158

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.04693	-.00016	.00057	8.4914
SDev	.00024	.00131	.00015	.00024	.1357
%RSD	117.64	2.7821	90.296	42.741	1.5982
#1	.00003	.04785	-.00006	.00040	8.3954
#2	.00038	.04601	-.00027	.00074	8.5873

04/26/04

Analysis Report 04/22/04 04:49:25 PM page 1

Method: 6010B Sample Name: S2186-08 Operator: DR
Run Time: 04/22/04 16:47:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	-.00270	.00044	-.00208	.00404	.55019	.17584
SDev	.00433	.00524	.00061	.00118	.00182	.00412	.00042
%RSD	383.56	194.18	139.92	56.978	45.117	.74889	.23893
#1	-.00193	.00101	.00087	-.00124	.00533	.54728	.17614
#2	.00419	-.00641	.00000	-.00291	.00275	.55311	.17554

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00009	32.483	.00253	.00200	.00534	.80468
SDev	.00001	.00015	.063	.00030	.00020	.00029	.00473
%RSD	9.0117	168.89	.19252	11.785	10.107	5.3604	.58784
#1	.00010	.00020	32.527	.00274	.00215	.00513	.80134
#2	.00009	-.00002	32.439	.00232	.00186	.00554	.80803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02055	5.4443	.00470	.00261	4.9295	.00140	.01763
SDev	.00021	.0202	.00044	.00059	.0619	.00012	.00028
%RSD	1.0316	.37095	9.4247	22.679	1.2555	8.4763	1.6031
#1	.02070	5.4300	.00438	.00303	4.9733	.00132	.01743
#2	.02040	5.4586	.00501	.00219	4.8858	.00148	.01783

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0386	.00313	.00265	.00366	-.00317	.00085	-.00514
SDev	.0101	.00227	.00093	.00082	.00051	.00246	.00055
%RSD	.97698	72.438	35.002	22.541	16.078	289.88	10.659
#1	1.0458	.00474	.00331	.00424	-.00281	.00258	-.00475
#2	1.0314	.00153	.00200	.00308	-.00353	-.00089	-.00552

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.01998	.01357	-.00195	6.5327
SDev	.00054	.00062	.00017	.00150	.0194
%RSD	250.50	3.1117	1.2460	76.784	.29714
#1	-.00060	.02042	.01369	-.00301	6.5464
#2	.00017	.01954	.01345	-.00089	6.5190

04/16/04

Analysis Report 04/22/04 04:51:18 PM page 1

Method: 6010B Sample Name: S2186-09 Operator: DR
Run Time: 04/22/04 16:49:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00457	-.00185	-.00010	-.00337	.00325	.02339	.16211
SDev	.00457	.00802	.00028	.00213	.00022	.00450	.00168
%RSD	100.09	432.82	287.17	63.141	6.7734	19.247	1.0366
#1	.00780	.00382	.00010	-.00487	.00341	.02658	.16092
#2	.00133	-.00753	-.00029	-.00186	.00310	.02021	.16330

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00006	58.089	.00148	.00162	-.00227	.13982
SDev	.00003	.00019	.534	.00028	.00054	.00069	.00117
%RSD	75.860	315.92	.91997	18.844	33.270	30.166	.83980
#1	.00006	.00007	57.711	.00167	.00200	-.00179	.14065
#2	.00002	-.00019	58.467	.00128	.00124	-.00276	.13899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71335	10.909	.00256	-.00111	5.7588	.00154	.00700
SDev	.00674	.096	.00021	.00076	.2243	.00060	.00054
%RSD	.94425	.87994	8.0362	68.127	3.8947	38.685	7.7304
#1	.70859	10.841	.00271	-.00057	5.9174	.00196	.00662
#2	.71811	10.977	.00242	-.00164	5.6002	.00112	.00739

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61489	.00290	.00076	.00359	-.00394	.00298	-.00813
SDev	.03551	.00010	.00085	.00190	.00053	.00013	.00325
%RSD	5.7757	3.2973	112.61	52.924	13.520	4.3863	39.996
#1	.64000	.00283	.00136	.00494	-.00431	.00307	-.01043
#2	.58977	.00297	.00015	.00225	-.00356	.00288	-.00583

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00239	.01695	.00105	-.00292	5.6188
SDev	.00017	.00106	.00042	.00049	.0459
%RSD	7.0077	6.2367	40.385	16.614	.81683
#1	.00227	.01620	.00135	-.00258	5.5863
#2	.00251	.01769	.00075	-.00326	5.6512

04/22/04

Analysis Report 04/22/04 04:55:18 PM page 1

Method: 6010B Sample Name: S2186-10 Operator: DR
Run Time: 04/22/04 16:53:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	-.00116	.00272	-.00613	.00425	.45271	.12289
SDev	.00158	.00036	.00105	.00253	.00323	.00561	.00094
%RSD	76.509	30.631	38.563	41.250	76.116	1.2395	.76913
#1	.00319	-.00091	.00198	-.00792	.00196	.45668	.12356
#2	.00095	-.00141	.00346	-.00434	.00653	.44875	.12222

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00027	30.006	.00070	.00064	-.00144	.48021
SDev	.00000	.00001	.163	.00062	.00010	.00080	.00238
%RSD	2.4335	2.2639	.54472	87.606	15.694	55.556	.49490
#1	.00007	-.00027	30.122	.00027	.00057	-.00201	.48189
#2	.00006	-.00028	29.891	.00114	.00072	-.00087	.47853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02152	4.4146	.00116	-.00041	3.7550	.00079	.01602
SDev	.00012	.0286	.00029	.00071	.1984	.00072	.00020
%RSD	.54794	.64759	24.911	172.16	5.2827	90.007	1.2587
#1	.02160	4.4348	.00095	.00009	3.6148	.00029	.01616
#2	.02144	4.3944	.00136	-.00092	3.8953	.00130	.01588

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56984	.00563	-.00173	.00521	-.00053	.00008	-.01084
SDev	.03382	.00246	.00479	.00198	.00058	.00134	.00446
%RSD	5.9355	43.639	277.30	37.996	110.32	1614.6	41.180
#1	.54593	.00389	-.00511	.00381	-.00094	.00103	-.01399
#2	.59376	.00737	.00166	.00661	-.00012	-.00086	-.00768

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.01084	.00995	-.00255	5.6172
SDev	.00015	.00025	.00017	.00255	.0487
%RSD	52.937	2.2950	1.6987	99.942	.86684
#1	-.00018	.01066	.00983	-.00075	5.6517
#2	-.00039	.01101	.01007	-.00435	5.5828

04/22/04

Analysis Report 04/22/04 04:57:08 PM page 1

Method: 6010B Sample Name: S2186-11 Operator: DR
Run Time: 04/22/04 16:55:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	-.00537	.00173	-.00342	.00305	.32718	.12041
SDev	.00119	.00644	.00046	.00082	.00174	.00563	.00047
%RSD	107.72	120.11	26.339	24.105	56.921	1.7207	.39236
#1	.00194	-.00992	.00141	-.00400	.00428	.32320	.12007
#2	.00026	-.00081	.00205	-.00283	.00183	.33116	.12074

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00004	47.372	.00205	.00095	.00438	.44674
SDev	.00001	.00008	.165	.00062	.00128	.00069	.01891
%RSD	9.6777	195.46	.34803	30.017	134.35	15.721	4.2337
#1	.00006	-.00002	47.255	.00162	.00005	.00389	.43337
#2	.00007	.00009	47.489	.00249	.00186	.00486	.46012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01899	8.2165	.00298	.00013	4.5600	.00138	.01469
SDev	.00016	.0317	.00044	.00151	.4026	.00060	.00040
%RSD	.86754	.38625	14.842	1143.3	8.8280	43.110	2.7246
#1	.01887	8.1941	.00330	-.00094	4.2753	.00096	.01440
#2	.01910	8.2390	.00267	.00120	4.8446	.00181	.01497

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0322	.00158	.00280	.00366	-.00123	-.00023	-.00660
SDev	.0552	.00506	.00492	.00336	.00236	.00325	.00286
%RSD	5.3519	320.37	175.36	91.823	191.42	1391.5	43.294
#1	.99317	.00516	-.00067	.00604	-.00290	.00207	-.00862
#2	1.0713	-.00200	.00628	.00128	.00044	-.00253	-.00458

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.01796	.00795	-.00198	3.8533
SDev	.00054	.00037	.00017	.00032	.0179
%RSD	135.03	2.0772	2.1265	16.362	.46533
#1	-.00078	.01822	.00807	-.00221	3.8406
#2	-.00002	.01769	.00783	-.00175	3.8659

on 4/22/04

Analysis Report 04/22/04 04:59:11 PM page 1

Method: 6010B Sample Name: S2186-12 Operator: DR
Run Time: 04/22/04 16:57:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.00008	.00021	-.00216	.00310	-.06509	-.00172
SDev	.00296	.00701	.00018	.00192	.00475	.00749	.00000
%RSD	250.80	8255.8	85.764	89.054	153.34	11.515	.00620
#1	.00327	-.00487	.00008	-.00080	-.00026	-.05979	-.00172
#2	-.00091	.00504	.00034	-.00352	.00646	-.07039	-.00172

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00019	.02617	-.00083	.00014	-.00451	-.00902
SDev	.00003	.00015	.00308	.00032	.00034	.00029	.01064
%RSD	65.703	78.741	11.769	38.366	234.67	6.3500	117.95
#1	.00002	-.00009	.02834	-.00060	-.00009	-.00431	-.00150
#2	.00006	-.00030	.02399	-.00105	.00038	-.00471	-.01654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00603	-.00017	-.00092	.05573	-.00015	-.00608
SDev	.00005	.00157	.00087	.00044	.07141	.00060	.00048
%RSD	86.507	26.092	530.14	47.729	128.13	388.13	7.9446
#1	.00009	.00714	.00045	-.00061	.10623	.00027	-.00574
#2	.00002	.00492	-.00078	-.00123	.00524	-.00057	-.00642

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	.00446	-.00282	.00035	-.00185	.00020	-.00504
SDev	.03551	.00378	.00669	.00129	.00092	.00032	.00319
%RSD	6281.9	84.931	237.19	368.09	49.716	160.80	63.233
#1	.02455	.00178	-.00755	.00127	-.00250	-.00003	-.00279
#2	-.02568	.00713	.00191	-.00056	-.00120	.00042	-.00729

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00077	-.00006	.00164	.00657
SDev	.00022	.00075	.00008	.00055	.00148
%RSD	645.72	96.911	142.73	33.288	22.551
#1	.00019	-.00024	-.00012	.00125	.00761
#2	-.00012	-.00130	.00000	.00203	.00552

Analysis Report 04/22/04 05:01:10 PM page 1

Method: 6010B Sample Name: S2186-13 Operator: DR
Run Time: 04/22/04 16:59:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00417	-.00020	-.00923	.00266	-.07119	-.00194
SDev	.00247	.00510	.00096	.00182	.00010	.00037	.00010
%RSD	8683.0	122.29	478.52	19.708	3.5673	.52375	5.4053
#1	.00172	-.00778	.00048	-.01051	.00259	-.07093	-.00201
#2	-.00177	-.00056	-.00088	-.00794	.00273	-.07145	-.00187

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00043	.01561	-.00115	-.00019	-.00483	-.01235
SDev	.00001	.00011	.00237	.00018	.00014	.00097	.01301
%RSD	46.539	25.373	15.171	15.535	71.090	20.075	105.33
#1	.00002	-.00035	.01729	-.00103	-.00029	-.00415	-.02155
#2	.00001	-.00051	.01394	-.00128	-.00009	-.00552	-.00315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00362	-.00039	-.00123	-.02057	-.00100	-.00628
SDev	.00000	.00026	.00095	.00071	.17192	.00012	.00004
%RSD	.22116	7.2449	242.53	57.419	835.67	11.971	.66321
#1	.00009	.00343	.00028	-.00073	-.14214	-.00108	-.00625
#2	.00009	.00381	-.00106	-.00173	.10099	-.00091	-.00631

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04481	.00355	-.00234	.00210	-.00335	-.00098	-.01495
SDev	.00902	.00014	.00000	.00003	.00146	.00070	.00308
%RSD	20.128	3.9914	.02956	1.6407	43.514	71.887	20.584
#1	-.03843	.00345	-.00234	.00208	-.00232	-.00048	-.01712
#2	-.05119	.00365	-.00234	.00213	-.00438	-.00147	-.01277

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.00037	-.00031	.00171	-.00297
SDev	.00086	.00025	.00002	.00113	.00247
%RSD	194.94	66.641	6.7461	66.159	82.994
#1	.00017	.00020	-.00030	.00091	-.00472
#2	-.00104	.00055	-.00033	.00251	-.00123

Analysis Report 04/22/04 05:03:20 PM page 1

Method: 6010B Sample Name: S2186-14 Operator: DR
Run Time: 04/22/04 17:01:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	-.00012	-.00031	-.00360	.00502	-.05766	.64587
SDev	.00058	.00645	.00106	.00345	.00352	.00151	.00588
%RSD	34.943	5375.6	341.72	95.812	70.102	2.6128	.91061
#1	.00125	-.00468	.00044	-.00605	.00253	-.05659	.64171
#2	.00206	.00444	-.00106	-.00116	.00750	-.05872	.65002

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00020	81.917	.00089	.00115	-.00293	-.01239
SDev	.00003	.00036	.163	.00032	.00061	.00057	.01302
%RSD	182.90	184.11	.19953	35.890	53.022	19.456	105.10
#1	-.00001	-.00045	81.801	.00111	.00157	-.00253	-.02159
#2	.00004	.00006	82.032	.00066	.00072	-.00334	-.00318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	33.573	.00238	.00022	12.734	.00136	.37695
SDev	.00007	.066	.00009	.00110	.086	.00060	.00016
%RSD	30.798	.19609	3.8992	491.24	.67710	43.624	.04253
#1	-.00018	33.526	.00245	.00100	12.795	.00178	.37684
#2	-.00028	33.619	.00232	-.00056	12.673	.00094	.37707

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2519	.00686	-.00187	.00266	-.00379	.00042	-.00732
SDev	.0141	.00700	.00346	.00106	.00212	.00664	.00172
%RSD	1.1258	102.07	184.58	39.806	55.807	1567.0	23.553
#1	1.2618	.00191	.00057	.00191	-.00229	-.00427	-.00853
#2	1.2419	.01180	-.00432	.00340	-.00529	.00512	-.00610

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.03721	-.00121	-.00229	8.6948
SDev	.00065	.00087	.00023	.00000	.1550
%RSD	591.24	2.3390	19.214	.00000	1.7822
#1	.00035	.03660	-.00105	-.00229	8.5853
#2	-.00057	.03783	-.00137	-.00229	8.8044

Analysis Report 04/22/04 05:05:50 PM page 1

Method: 6010B Sample Name: S2186-15 Operator: DR
Run Time: 04/22/04 17:03:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	-.00122	.00206	-.00232	.00192	-.06270	.67605
SDev	.00113	.01226	.00118	.00132	.00189	.00112	.00058
%RSD	148.19	1005.9	57.062	56.671	98.536	1.7905	.08544
#1	.00004	.00745	.00289	-.00325	.00326	-.06349	.67646
#2	-.00156	-.00989	.00123	-.00139	.00058	-.06191	.67565

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00027	85.376	-.00093	.00022	-.00358	-.03579
SDev	.00001	.00014	.081	.00006	.00044	.00023	.00355
%RSD	87.878	53.085	.09545	6.4240	203.71	6.3957	9.9279
#1	-.00000	-.00037	85.433	-.00089	-.00009	-.00374	-.03830
#2	-.00001	-.00017	85.318	-.00097	.00053	-.00342	-.03327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	34.958	.00001	-.00267	12.999	.00052	.39106
SDev	.00002	.054	.00079	.00051	.003	.00036	.00000
%RSD	5.5037	.15380	7755.9	19.226	.02035	68.865	.00014
#1	-.00041	34.996	.00057	-.00230	12.997	.00077	.39106
#2	-.00045	34.920	-.00055	-.00303	13.001	.00027	.39106

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2248	.00158	-.00060	.00278	-.00030	.00128	-.00572
SDev	.0231	.00000	.00569	.00107	.00230	.00006	.00194
%RSD	1.8871	.00301	947.17	38.558	762.49	5.0045	33.929
#1	1.2411	.00158	.00342	.00202	.00132	.00123	-.00709
#2	1.2084	.00158	-.00462	.00354	-.00193	.00132	-.00435

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	.03765	-.00175	-.00446	9.1272
SDev	.00022	.00075	.00015	.00146	.0071
%RSD	26.779	1.9814	8.4638	32.605	.07750
#1	-.00099	.03713	-.00185	-.00344	9.1322
#2	-.00068	.03818	-.00164	-.00549	9.1222

Analysis Report 04/22/04 05:07:46 PM page 1

Method: 6010B Sample Name: S2186-16 Operator: DR
Run Time: 04/22/04 17:06:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	-.00372	.00168	-.00302	.00136	.70328	.34739
SDev	.00092	.00404	.00096	.00110	.00426	.00037	.00126
%RSD	112.73	108.53	57.366	36.487	313.00	.05202	.36282
#1	-.00016	-.00087	.00236	-.00224	-.00165	.70302	.34650
#2	-.00146	-.00657	.00100	-.00380	.00437	.70354	.34828

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00045	52.213	.00200	.00148	.00517	.81890
SDev	.00002	.00017	.232	.00066	.00094	.00017	.00827
%RSD	28.890	38.853	.44371	32.857	63.868	3.2895	1.0100
#1	.00010	-.00057	52.049	.00246	.00215	.00505	.82474
#2	.00006	-.00033	52.377	.00153	.00081	.00529	.81305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04372	15.925	.00344	.00165	8.5783	.00182	.01834
SDev	.00019	.111	.00000	.00099	.1619	.00048	.00060
%RSD	.43089	.69996	.00482	60.152	1.8869	26.237	3.3004
#1	.04358	15.846	.00344	.00235	8.6928	.00216	.01877
#2	.04385	16.004	.00344	.00095	8.4639	.00148	.01791

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9234	.00009	.00070	.00372	-.00134	.00285	-.00765
SDev	.0417	.00516	.00247	.00082	.00185	.00357	.00329
%RSD	.84728	5683.9	350.91	21.964	137.57	125.52	43.077
#1	4.9529	-.00356	-.00104	.00314	-.00004	.00032	-.00532
#2	4.8939	.00374	.00245	.00430	-.00265	.00537	-.00998

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.02130	.01221	-.00249	6.9400
SDev	.00128	.00037	.00011	.00101	.0240
%RSD	5993.3	1.7514	.86545	40.570	.34606
#1	.00093	.02156	.01214	-.00178	6.9230
#2	-.00089	.02104	.01229	-.00321	6.9570

Analysis Report QC Standard 04/22/04 05:09:49 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 17:08:04
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2071	5.3027	5.3190	5.2556	5.0848	10.115	9.7577
SDev	.0154	.0198	.0291	.0517	.0133	.019	.0415
%RSD	.29666	.37328	.54676	.98345	.26203	.19008	.42569
#1	5.2180	5.3167	5.2984	5.2191	5.0754	10.128	9.7871
#2	5.1962	5.2887	5.3396	5.2922	5.0943	10.101	9.7283

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25556	2.6714	26.093	1.0227	2.5738	1.2089	5.0287
SDev	.00068	.0088	.071	.0012	.0058	.0018	.0507
%RSD	.26591	.32773	.27053	.11646	.22544	.14718	1.0085
#1	.25604	2.6776	26.143	1.0236	2.5779	1.2101	5.0645
#2	.25508	2.6652	26.043	1.0219	2.5697	1.2076	4.9928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5335	26.036	2.6237	1.2637	24.846	2.4958	2.5742
SDev	.0056	.066	.0056	.0033	.032	.0106	.0057
%RSD	.22030	.25487	.21418	.25826	.12987	.42437	.22008
#1	2.5374	26.082	2.6277	1.2660	24.823	2.5033	2.5782
#2	2.5295	25.989	2.6197	1.2614	24.869	2.4883	2.5702

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.997	5.1244	5.0024	5.2882	5.3322	5.2845	5.2396
SDev	.039	.0041	.0482	.0054	.0466	.0010	.0780
%RSD	.15786	.08012	.96425	.10286	.87393	.01873	1.4885
#1	25.025	5.1273	4.9683	5.2920	5.2992	5.2852	5.1845
#2	24.969	5.1215	5.0365	5.2843	5.3651	5.2838	5.2948

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1613	5.0949	4.9941	5.2181	5.3388
SDev	.0086	.0237	.0132	.0075	.0563
%RSD	.16757	.46493	.26409	.14375	1.0538
#1	5.1674	5.0782	5.0035	5.2234	5.3786
#2	5.1552	5.1117	4.9848	5.2128	5.2990

Analysis Report QC Standard 04/22/04 05:12:14 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 17:10:31
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00452	.00038	.00099	.00366	.00138	-.06297	-.00005
SDev	.00085	.00333	.00119	.00497	.00014	.00075	.00005
%RSD	18.885	867.86	120.43	136.08	9.8095	1.1961	112.23
#1	.00512	-.00197	.00184	.00717	.00148	-.06350	-.00008
#2	.00391	.00274	.00015	.00014	.00129	-.06244	-.00001

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00031	.02298	-.00055	.00057	-.00463	.00687
SDev	.00002	.00013	.00047	.00004	.00027	.00057	.02839
%RSD	22.114	42.563	2.0613	7.2386	47.125	12.291	413.30
#1	.00006	.00041	.02332	-.00058	.00076	-.00503	.02695
#2	.00008	.00022	.02265	-.00052	.00038	-.00423	-.01321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00993	.00018	-.00005	.18141	.00002	-.00442
SDev	.00009	.00236	.00107	.00015	.63848	.00059	.00048
%RSD	18.070	23.782	605.91	307.38	351.95	3739.5	10.879
#1	.00045	.00826	-.00058	-.00015	-.27006	-.00040	-.00408
#2	.00059	.01159	.00093	.00006	.63288	.00044	-.00476

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00615	.00155	-.00214	.00103	-.00103	.00735	.00001
SDev	.01297	.00005	.00032	.00193	.00083	.00144	.00674
%RSD	210.97	2.9778	14.710	187.21	80.723	19.556	63702.
#1	-.01531	.00158	-.00192	.00239	-.00044	.00837	.00478
#2	.00302	.00151	-.00237	-.00033	-.00161	.00633	-.00475

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.02561	.00046	.00620	.00517
SDev	.00113	.01206	.00006	.00469	.00214
%RSD	73.339	47.101	13.670	75.650	41.370
#1	.00235	.03414	.00051	.00952	.00668
#2	.00074	.01708	.00042	.00288	.00366

Analysis Report 04/22/04 05:14:12 PM page 1

Method: 6010B Sample Name: S2186-17 Operator: DR
Run Time: 04/22/04 17:12:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00357	.00117	-.00425	.00236	-.05582	.48598
SDev	.00115	.00004	.00232	.00111	.00070	.00860	.00210
%RSD	684.56	1.2382	197.32	26.190	29.576	15.403	.43225
#1	-.00065	-.00361	.00281	-.00503	.00285	-.04974	.48449
#2	.00099	-.00354	-.00046	-.00346	.00186	-.06190	.48746

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00039	166.53	.00087	.00033	-.00261	-.02492
SDev	.00002	.00059	.70	.00129	.00277	.00080	.01183
%RSD	60.471	153.91	.42246	148.18	832.76	30.658	47.478
#1	.00002	-.00081	166.04	.00179	-.00162	-.00318	-.01655
#2	.00005	.00003	167.03	-.00004	.00229	-.00205	-.03328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0186	42.479	.01260	-.00411	102.27	.00010	.02233
SDev	.0061	.313	.00281	.00347	.31	.00047	.00050
%RSD	.59885	.73720	22.301	84.609	.30567	466.90	2.2564
#1	1.0142	42.701	.01061	-.00656	102.49	-.00023	.02197
#2	1.0229	42.258	.01459	-.00165	102.05	.00044	.02269

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7447	.00107	.00173	.00187	-.00117	-.00325	-.00634
SDev	.2232	.00232	.00675	.00001	.00348	.00951	.00308
%RSD	8.1334	216.37	390.68	.65227	296.80	292.11	48.546
#1	2.5868	-.00057	.00650	.00186	.00129	-.00998	-.00416
#2	2.9025	.00272	-.00304	.00188	-.00363	.00347	-.00852

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.27861	-.00261	-.00199	9.1487
SDev	.00086	.00305	.00015	.00192	.0724
%RSD	84.895	1.0934	5.6580	96.451	.79116
#1	.00161	.27646	-.00251	-.00063	9.0975
#2	.00040	.28077	-.00272	-.00335	9.1999

Analysis Report 04/22/04 05:16:01 PM page 1

Method: 6010B Sample Name: S2186-17D Operator: DR
Run Time: 04/22/04 17:14:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	-.00129	-.00009	-.00339	.00571	-.05501	.48865
SDev	.00061	.00686	.00065	.00146	.00482	.00524	.00052
%RSD	30.798	532.91	725.20	42.928	84.344	9.5315	.10749
#1	.00241	-.00614	.00037	-.00236	.00912	-.05130	.48828
#2	.00155	.00357	-.00055	-.00442	.00231	-.05871	.48902

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00003	167.18	.00106	.00248	-.00204	-.01907
SDev	.00002	.00010	.24	.00004	.00020	.00046	.01538
%RSD	24.703	341.44	.14467	3.7697	8.1717	22.308	80.624
#1	.00008	-.00004	167.00	.00103	.00234	-.00237	-.00820
#2	.00005	.00010	167.35	.00108	.00262	-.00172	-.02994

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0227	42.266	.01345	-.00122	102.82	.00077	.02300
SDev	.0023	.049	.00076	.00060	.03	.00000	.00012
%RSD	.22797	.11666	5.6596	49.149	.02881	.07003	.49789
#1	1.0211	42.231	.01399	-.00080	102.84	.00078	.02292
#2	1.0244	42.301	.01292	-.00165	102.80	.00077	.02308

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9240	.00612	.00169	.00169	-.00298	-.00064	-.00637
SDev	.0192	.00709	.00027	.00106	.00044	.00421	.00429
%RSD	.65548	115.86	15.694	63.023	14.803	659.68	67.307
#1	2.9105	.01113	.00188	.00244	-.00266	-.00362	-.00334
#2	2.9376	.00111	.00150	.00094	-.00329	.00234	-.00940

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.27747	-.00273	-.00295	9.2504
SDev	.00112	.00131	.00011	.00053	.0188
%RSD	107.92	.47055	3.8647	17.824	.20273
#1	.00024	.27839	-.00266	-.00258	9.2636
#2	.00182	.27655	-.00281	-.00332	9.2371

Analysis Report 04/22/04 05:18:02 PM page 1

Method: 6010B Sample Name: S2186-17LX5 Operator: DR
Run Time: 04/22/04 17:16:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00019	-.00046	-.00366	.00427	-.05449	.09854
SDev	.00122	.00652	.00019	.00342	.00295	.00224	.00021
%RSD	118.56	3411.6	40.280	93.501	69.171	4.1162	.21332
#1	.00017	-.00442	-.00033	-.00608	.00218	-.05290	.09869
#2	.00189	.00480	-.00059	-.00124	.00636	-.05607	.09839

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00010	35.523	-.00032	.00086	-.00398	.01607
SDev	.00001	.00025	.052	.00060	.00094	.00092	.01537
%RSD	16.349	247.15	.14538	184.78	109.94	23.006	95.694
#1	.00004	-.00008	35.560	-.00074	.00019	-.00463	.00519
#2	.00005	.00028	35.486	.00010	.00153	-.00333	.02694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21475	8.8938	.00232	-.00088	17.828	.00027	.00185
SDev	.00005	.0060	.00134	.00104	.110	.00000	.00004
%RSD	.02202	.06783	57.753	117.63	.61717	.63226	2.0515
#1	.21478	8.8981	.00137	-.00161	17.750	.00027	.00182
#2	.21472	8.8896	.00326	-.00015	17.906	.00027	.00187

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36097	.00529	-.00098	.00292	-.00415	.00417	-.00927
SDev	.05637	.00326	.00234	.00107	.00026	.00249	.00403
%RSD	15.617	61.634	239.14	36.630	6.1719	59.698	43.465
#1	.32111	.00298	-.00263	.00367	-.00433	.00241	-.01212
#2	.40083	.00759	.00068	.00216	-.00396	.00593	-.00642

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.06109	-.00030	.00597	1.9527
SDev	.00097	.00019	.00030	.00032	.0072
%RSD	225.39	.30534	99.176	5.4171	.37067
#1	-.00025	.06095	-.00051	.00620	1.9578
#2	.00111	.06122	-.00009	.00574	1.9476

Analysis Report 04/22/04 05:23:38 PM page 1

Method: 6010B Sample Name: S2186-17S Operator: DR
Run Time: 04/22/04 17:21:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77410	1.8906	.95950	1.9567	.76381	1.8834	2.3571
SDev	.00277	.0033	.00251	.0037	.00341	.0105	.0133
%RSD	.35830	.17547	.26192	.18693	.44627	.55776	.56365
#1	.77606	1.8930	.96128	1.9593	.76622	1.8908	2.3665
#2	.77214	1.8883	.95772	1.9542	.76140	1.8759	2.3477

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18833	.19307	170.55	.38858	.18745	.26559	2.7678
SDev	.00056	.00025	.54	.00072	.00003	.00063	.0106
%RSD	.29890	.13181	.31431	.18415	.01823	.23700	.38362
#1	.18873	.19325	170.93	.38909	.18743	.26604	2.7753
#2	.18793	.19289	170.17	.38808	.18748	.26515	2.7603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2067	44.030	.48710	.06978	106.47	.27598	.20467
SDev	.0035	.121	.00215	.00160	.69	.00191	.00023
%RSD	.28689	.27580	.44163	2.2961	.64389	.69030	.11130
#1	1.2091	44.116	.48862	.07091	106.96	.27732	.20483
#2	1.2042	43.944	.48558	.06865	105.99	.27463	.20451

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.440	.77072	.74676	.95876	.95777	1.9574	1.9546
SDev	.091	.00704	.00387	.00071	.00327	.0100	.0005
%RSD	.59148	.91359	.51792	.07394	.34168	.50857	.02629
#1	15.504	.77570	.74403	.95926	.96008	1.9645	1.9550
#2	15.375	.76574	.74950	.95826	.95546	1.9504	1.9542

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38349	.55474	.18009	.67565	10.287
SDev	.00275	.00385	.00051	.00475	.069
%RSD	.71781	.69486	.28167	.70320	.66685
#1	.38544	.55747	.18045	.67901	10.335
#2	.38155	.55202	.17973	.67229	10.238

04/22/04

Analysis Report 04/22/04 05:25:27 PM page 1

Method: 6010B Sample Name: S2186-17SD Operator: DR
Run Time: 04/22/04 17:23:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77890	1.8898	.96134	1.9646	.76754	1.8905	2.3619
SDev	.00390	.0112	.00139	.0011	.00018	.0011	.0028
%RSD	.50067	.59232	.14447	.05424	.02416	.05893	.12007
#1	.78166	1.8977	.96232	1.9654	.76767	1.8897	2.3599
#2	.77615	1.8819	.96036	1.9639	.76741	1.8913	2.3639

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18877	.19368	170.89	.38989	.18848	.26757	2.7803
SDev	.00001	.00002	.06	.00002	.00068	.00034	.0260
%RSD	.00763	.01083	.03369	.00514	.35805	.12722	.93554
#1	.18878	.19369	170.85	.38988	.18896	.26733	2.7987
#2	.18876	.19366	170.93	.38991	.18800	.26781	2.7619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2096	44.139	.49019	.07076	106.57	.27682	.20440
SDev	.0000	.007	.00010	.00066	.02	.00072	.00012
%RSD	.00194	.01485	.02110	.93394	.01539	.25821	.05763
#1	1.2096	44.135	.49012	.07123	106.55	.27733	.20448
#2	1.2096	44.144	.49027	.07029	106.58	.27631	.20431

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.483	.77553	.74833	.96310	.95826	1.9705	1.9599
SDev	.011	.00175	.00295	.00241	.00328	.0008	.0012
%RSD	.06917	.22541	.39350	.24991	.34269	.03895	.06197
#1	15.491	.77677	.74624	.96139	.96058	1.9710	1.9608
#2	15.475	.77429	.75041	.96480	.95594	1.9699	1.9590

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38317	.55360	.18059	.67828	10.335
SDev	.00236	.00025	.00011	.00293	.016
%RSD	.61649	.04492	.05852	.43221	.15121
#1	.38484	.55342	.18066	.67621	10.324
#2	.38150	.55378	.18051	.68036	10.346

04/22/04

Analysis Report 04/22/04 05:28:39 PM page 1

Method: 6010B Sample Name: S2186-17A Operator: DR
Run Time: 04/22/04 17:25:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77237	1.8622	.95181	1.9412	.75314	1.8736	2.3533
SDev	.00356	.0029	.01451	.0297	.01258	.0079	.0044
%RSD	.46109	.15629	1.5240	1.5286	1.6700	.42101	.18744
#1	.76985	1.8601	.94155	1.9203	.74425	1.8792	2.3502
#2	.77489	1.8642	.96206	1.9622	.76204	1.8680	2.3564

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18806	.19206	170.13	.38833	.18593	.26539	2.7376
SDev	.00007	.00011	.21	.00171	.00044	.00011	.0130
%RSD	.03927	.05684	.12532	.44028	.23594	.04278	.47374
#1	.18811	.19199	170.28	.38954	.18562	.26531	2.7468
#2	.18801	.19214	169.98	.38712	.18624	.26547	2.7285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2040	44.202	.48633	.06949	105.89	.27825	.20288
SDev	.0010	.427	.00015	.00058	.49	.00274	.00076
%RSD	.08412	.96659	.03170	.83804	.46260	.98462	.37549
#1	1.2047	44.504	.48644	.06908	106.23	.28018	.20342
#2	1.2032	43.900	.48622	.06990	105.54	.27631	.20235

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.381	.75989	.73643	.95263	.94939	1.9550	1.9327
SDev	.015	.01556	.00660	.01033	.01659	.0139	.0374
%RSD	.09529	2.0479	.89609	1.0838	1.7477	.71324	1.9344
#1	15.392	.74889	.73176	.94533	.93766	1.9452	1.9062
#2	15.371	.77090	.74109	.95993	.96113	1.9649	1.9591

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.38168	.54490	.17899	.67002	10.122
SDev	.00123	.00522	.00051	.00063	.149
%RSD	.32163	.95844	.28341	.09355	1.4740
#1	.38081	.54120	.17935	.66958	10.016
#2	.38255	.54859	.17863	.67046	10.227

DR 4/22/04

Analysis Report 04/22/04 05:33:07 PM page 1

Method: 6010B Sample Name: S2186-18 Operator: DR
Run Time: 04/22/04 17:28:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00005	.00030	-.00567	.00280	-.04918	.50361
SDev	.00213	.00475	.00086	.00298	.00064	.00525	.00047
%RSD	198.86	9836.6	291.57	52.534	23.017	10.670	.09387
#1	-.00044	.00340	.00090	-.00777	.00325	-.04547	.50395
#2	.00258	-.00331	-.00031	-.00356	.00234	-.05289	.50328

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00033	85.144	.00035	.00148	-.00229	-.02409
SDev	.00003	.00008	.009	.00024	.00034	.00114	.01065
%RSD	32.009	23.534	.01001	67.816	22.816	49.985	44.199
#1	.00012	-.00038	85.138	.00018	.00172	-.00310	-.03162
#2	.00008	-.00027	85.150	.00052	.00124	-.00148	-.01656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17725	21.423	.00347	.00200	27.198	.00094	.01081
SDev	.00009	.007	.00045	.00011	.230	.00024	.00040
%RSD	.05328	.03061	13.056	5.6941	.84411	25.177	3.7187
#1	.17731	21.418	.00315	.00208	27.035	.00111	.01053
#2	.17718	21.427	.00379	.00192	27.360	.00077	.01109

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9351	.00248	.00023	.00231	-.00271	-.00155	-.00942
SDev	.0039	.00081	.00032	.00387	.00064	.00147	.00359
%RSD	.20392	32.476	140.08	167.77	23.761	94.929	38.084
#1	1.9379	.00305	.00045	.00505	-.00316	-.00259	-.01196
#2	1.9323	.00191	.00000	-.00043	-.00225	-.00051	-.00688

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.17578	-.00164	-.00139	6.9635
SDev	.00084	.00037	.00000	.00067	.0053
%RSD	100.02	.21220	.00000	47.967	.07559
#1	.00143	.17552	-.00164	-.00092	6.9672
#2	.00024	.17605	-.00164	-.00186	6.9598

DR 4/22/04

Analysis Report 04/22/04 05:35:28 PM page 1

Method: 6010B Sample Name: S2186-19 Operator: DR
Run Time: 04/22/04 17:33:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	-.00252	.00012	-.00575	.00787	-.06271	-.00127
SDev	.00000	.00815	.00209	.00416	.00163	.00786	.00031
%RSD	.07354	323.23	1788.4	72.229	20.764	12.536	24.752
#1	.00189	.00324	.00160	-.00282	.00672	-.05715	-.00105
#2	.00189	-.00828	-.00136	-.00869	.00903	-.06827	-.00149

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00024	.05380	-.00103	.00062	-.00503	-.00650
SDev	.00003	.00009	.01232	.00091	.00054	.00023	.01657
%RSD	50.708	36.169	22.894	89.162	86.886	4.5729	254.91
#1	.00007	-.00018	.06251	-.00167	.00100	-.00487	.00522
#2	.00003	-.00030	.04509	-.00038	.00024	-.00520	-.01822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.09338	.00026	-.00072	-.43165	-.00066	-.00582
SDev	.00000	.14478	.00172	.00072	.26132	.00083	.00028
%RSD	.02453	155.05	668.47	99.279	60.539	126.62	4.8147
#1	.00019	-.19575	.00147	-.00022	-.61643	-.00125	-.00562
#2	.00019	.00900	-.00096	-.00123	-.24687	-.00007	-.00602

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05637	.01034	-.00027	.00257	-.00311	.00505	-.01275
SDev	.03439	.00425	.00361	.00083	.00273	.00214	.00516
%RSD	61.002	41.127	1340.7	32.162	87.770	42.361	40.505
#1	-.03206	.00733	.00228	.00316	-.00118	.00656	-.00910
#2	-.08069	.01335	-.00282	.00199	-.00503	.00354	-.01640

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	.00240	-.00018	.00198	.02332
SDev	.00195	.00199	.00004	.00010	.00543
%RSD	125.45	83.054	23.642	5.0979	23.283
#1	-.00018	.00380	-.00021	.00205	.02715
#2	-.00294	.00099	-.00015	.00191	.01948

DR 4/22/04

Analysis Report 04/22/04 05:37:18 PM page 1

Method: 6010B Sample Name: S2186-20 Operator: DR
Run Time: 04/22/04 17:35:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00345	-.00162	-.00208	-.00372	.00115	-.05423	1.1450
SDev	.00104	.00275	.00031	.00025	.00092	.00561	.0204
%RSD	30.134	169.93	15.085	6.6038	79.557	10.340	1.7795
#1	.00418	-.00357	-.00186	-.00355	.00180	-.05026	1.1306
#2	.00271	.00033	-.00230	-.00389	.00050	-.05819	1.1594

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00085	76.308	.00288	-.00117	-.00346	-.01824
SDev	.00005	.00035	1.127	.00147	.00280	.00074	.03074
%RSD	157.49	41.069	1.4767	51.040	239.65	21.489	168.55
#1	-.00000	-.00110	75.511	.00392	-.00315	-.00293	.00350
#2	.00007	-.00060	77.105	.00184	.00081	-.00399	-.03998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	31.823	-.00051	-.00244	12.431	.00078	.00968
SDev	.00009	.322	.00361	.00200	.919	.00024	.00041
%RSD	7.9516	1.0113	702.78	82.266	7.3957	31.076	4.2163
#1	.00112	32.051	-.00307	-.00385	13.081	.00095	.00939
#2	.00125	31.595	.00204	-.00102	11.781	.00061	.00997

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8721	-.00408	.00844	-.00503	-.00260	-.00775	-.00341
SDev	.2249	.00100	.00476	.00060	.00077	.00281	.00191
%RSD	12.015	24.490	56.382	11.840	29.495	36.230	56.044
#1	1.7131	-.00479	.01180	-.00546	-.00206	-.00973	-.00206
#2	2.0311	-.00338	.00507	-.00461	-.00315	-.00576	-.00476

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	.03928	-.00142	-.00006	8.8053
SDev	.00065	.00193	.00032	.00247	.1431
%RSD	122.60	4.9067	22.338	4017.9	1.6253
#1	-.00007	.03792	-.00120	.00168	8.7041
#2	-.00099	.04064	-.00164	-.00181	8.9065

DH 4/22/04

Analysis Report 04/22/04 05:39:21 PM page 1

Method: 6010B Sample Name: S2186-21 Operator: DR
Run Time: 04/22/04 17:37:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	-.00027	-.00112	-.00319	.00233	-.06006	.59422
SDev	.00204	.00226	.00012	.00154	.00040	.00113	.00278
%RSD	61.119	854.11	10.496	48.335	17.236	1.8820	.46838
#1	.00190	.00134	-.00103	-.00428	.00205	-.05926	.59618
#2	.00478	-.00187	-.00120	-.00210	.00262	-.06086	.59225

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00024	68.520	.00295	-.00026	-.00491	-.01321
SDev	.00001	.00030	.357	.00026	.00118	.00051	.00946
%RSD	15.530	122.52	.52133	8.7520	450.89	10.466	71.642
#1	.00006	-.00003	68.772	.00314	.00057	-.00528	-.01990
#2	.00004	-.00045	68.267	.00277	-.00110	-.00455	-.00652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	29.297	.00072	-.00173	10.474	-.00015	.00720
SDev	.00002	.152	.00002	.00008	.035	.00012	.00012
%RSD	10.256	.52014	2.8497	4.7964	.33839	81.105	1.6580
#1	-.00025	29.405	.00070	-.00179	10.449	-.00006	.00712
#2	-.00021	29.189	.00073	-.00168	10.499	-.00023	.00729

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3168	.00488	-.00596	.00055	-.00395	.00250	-.00763
SDev	.0192	.00364	.00608	.00439	.00237	.00294	.00084
%RSD	1.4555	74.672	102.12	798.01	59.987	117.48	11.067
#1	1.3033	.00230	-.00166	-.00256	-.00227	.00042	-.00822
#2	1.3304	.00745	-.01026	.00366	-.00563	.00458	-.00703

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	.02319	-.00148	-.00156	9.5733
SDev	.00102	.00044	.00019	.00026	.0444
%RSD	148.52	1.8767	12.861	16.821	.46395
#1	-.00141	.02288	-.00161	-.00138	9.6047
#2	.00003	.02350	-.00134	-.00175	9.5419

DW 4/22/04

Analysis Report QC Standard 04/22/04 05:41:26 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 17:39:43
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2674	5.3912	5.3540	5.2927	5.1047	10.165	9.8646
SDev	.0187	.0398	.0227	.0393	.0089	.059	.0695
%RSD	.35470	.73806	.42422	.74192	.17348	.58099	.70427
#1	5.2806	5.4193	5.3379	5.2649	5.0985	10.206	9.9138
#2	5.2542	5.3631	5.3700	5.3205	5.1110	10.123	9.8155

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25681	2.6960	26.288	1.0257	2.5827	1.2072	5.0077
SDev	.00133	.0114	.150	.0048	.0124	.0089	.0139
%RSD	.51671	.42241	.57039	.47074	.48063	.73445	.27763
#1	.25775	2.7041	26.394	1.0291	2.5915	1.2135	5.0175
#2	.25587	2.6880	26.182	1.0222	2.5739	1.2009	4.9979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5351	26.237	2.6378	1.2764	25.377	2.4983	2.5807
SDev	.0123	.111	.0167	.0069	.200	.0213	.0105
%RSD	.48394	.42486	.63178	.54250	.78795	.85268	.40796
#1	2.5438	26.315	2.6496	1.2813	25.235	2.5134	2.5881
#2	2.5265	26.158	2.6260	1.2715	25.518	2.4832	2.5732

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.314	5.1474	5.0161	5.3118	5.3738	5.3072	5.2838
SDev	.192	.0031	.0327	.0048	.0375	.0053	.0561
%RSD	.75715	.05934	.65215	.09087	.69693	.09989	1.0614
#1	25.449	5.1496	4.9930	5.3152	5.3473	5.3034	5.2441
#2	25.178	5.1452	5.0392	5.3083	5.4002	5.3109	5.3234

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2200	5.1417	4.9970	5.2345	Q5.5369
SDev	.0226	.0219	.0297	.0151	.0564
%RSD	.43328	.42563	.59385	.28814	1.0191
#1	5.2360	5.1263	5.0180	5.2452	Q5.5768
#2	5.2040	5.1572	4.9761	5.2238	5.4970

04/22/04

Analysis Report QC Standard 04/22/04 05:43:36 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 17:41:52
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	.00399	.00385	.00418	.00480	-.05821	.00014
SDev	.00198	.00220	.00305	.00406	.00487	.00224	.00063
%RSD	84.614	55.080	79.227	97.205	101.35	3.8480	454.09
#1	.00374	.00555	Q.00600	.00705	.00824	-.05663	.00058
#2	.00094	.00244	.00169	.00131	.00136	-.05979	-.00031

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00002	.02851	-.00138	.00029	-.00556	-.00817
SDev	.00002	.00006	.00166	.00026	.00068	.00006	.00237
%RSD	23.720	308.90	5.8158	18.778	235.06	1.0239	29.021
#1	.00008	-.00002	.02968	-.00119	-.00019	-.00552	-.00649
#2	.00011	.00006	.02734	-.00156	.00076	-.00560	-.00985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00677	-.00046	-.00126	-.07443	-.00091	-.00385
SDev	.00000	.00000	.00012	.00067	.05977	.00048	.00097
%RSD	.00219	.00000	26.663	53.591	80.305	52.141	25.161
#1	.00052	.00677	-.00055	-.00078	-.11670	-.00125	-.00317
#2	.00052	.00677	-.00038	-.00173	-.03217	-.00058	-.00454

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09743	.00529	.00061	.00444	.00155	.00938	-.00002
SDev	.01456	.00856	.00253	.00019	.00447	.00450	.00384
%RSD	15.044	161.65	412.63	4.3188	288.18	47.962	19855.
#1	-.10779	.01134	-.00117	.00458	.00472	.01256	.00270
#2	-.08706	-.00076	.00240	.00430	-.00161	.00620	-.00274

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00324	.03462	.00037	.00664	.01354
SDev	.00260	.02120	.00002	.00184	.00707
%RSD	80.279	61.239	5.6486	27.694	52.225
#1	.00508	.04961	.00039	.00794	.01855
#2	.00140	.01963	.00036	.00534	.00854

04/22/04

Analysis Report 04/22/04 05:45:38 PM page 1

Method: 6010B Sample Name: S2186-22 Operator: DR
Run Time: 04/22/04 17:43:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00368	.00434	.00134	.00218	.00453	-.05608	1.1744
SDev	.00338	.00043	.00219	.00069	.00036	.00374	.0041
%RSD	91.894	9.8421	163.47	31.728	7.8848	6.6629	.34879
#1	.00607	.00464	-.00021	.00169	.00478	-.05344	1.1773
#2	.00129	.00403	.00289	.00267	.00428	-.05872	1.1715

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00005	77.639	.00038	.00098	-.00572	-.01320
SDev	.00000	.00004	.214	.00016	.00078	.00109	.01892
%RSD	1.6807	78.450	.27521	41.802	79.320	19.010	143.27
#1	.00008	-.00002	77.790	.00027	.00043	-.00649	-.02658
#2	.00008	-.00008	77.488	.00049	.00153	-.00495	.00017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	31.819	.00329	-.00087	11.434	-.00015	.01065
SDev	.00012	.114	.00062	.00108	.471	.00060	.00008
%RSD	7.3578	.35692	18.747	124.01	4.1220	393.37	.73125
#1	.00169	31.899	.00286	-.00163	11.101	-.00057	.01060
#2	.00152	31.738	.00373	-.00011	11.767	.00027	.01071

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9323	.00442	.00156	.00233	-.00115	.00221	.00047
SDev	.0271	.00080	.00268	.00072	.00365	.00437	.00308
%RSD	1.4003	18.159	172.22	30.657	317.00	198.18	654.33
#1	1.9132	.00385	.00345	.00284	-.00373	.00530	-.00171
#2	1.9514	.00498	-.00034	.00183	.00143	-.00089	.00265

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00185	.04636	-.00090	-.00010	9.0530
SDev	.00045	.00211	.00017	.00063	.0364
%RSD	24.135	4.5599	18.868	601.04	.40158
#1	.00217	.04785	-.00078	.00034	9.0787
#2	.00153	.04486	-.00102	-.00055	9.0273

04/22/04

Analysis Report 04/22/04 05:48:03 PM page 1

Method: 6010B Sample Name: S2186-23 Operator: DR
Run Time: 04/22/04 17:45:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	-.00373	-.00211	-.00250	.00478	-.01185	.13623
SDev	.00018	.00744	.00158	.00248	.00480	.00112	.00047
%RSD	109.09	199.60	74.771	99.000	100.53	9.4574	.34694
#1	.00004	.00153	-.00099	-.00075	.00138	-.01106	.13656
#2	.00030	-.00899	-.00322	-.00425	.00817	-.01264	.13589

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00009	28.010	.00041	.00036	-.00321	.02610
SDev	.00001	.00004	.057	.00060	.00017	.00017	.00118
%RSD	9.0201	47.899	.20466	146.08	47.029	5.3282	4.5124
#1	.00010	-.00012	27.970	-.00001	.00024	-.00309	.02527
#2	.00009	-.00006	28.051	.00083	.00048	-.00334	.02693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	3.2264	.00103	.00142	4.2394	.00010	.01107
SDev	.00000	.0351	.00090	.00032	.0540	.00024	.00012
%RSD	.00182	1.0893	87.113	22.335	1.2727	233.21	1.0947
#1	.00189	3.2015	.00039	.00164	4.2776	-.00007	.01116
#2	.00189	3.2512	.00166	.00119	4.2013	.00027	.01099

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77592	.00478	.00156	.00297	-.00664	.00009	-.00549
SDev	.02988	.00718	.00003	.00111	.00181	.00386	.00165
%RSD	3.8505	150.19	1.7948	37.302	27.278	4459.7	29.955
#1	.79705	-.00030	.00154	.00375	-.00536	.00282	-.00433
#2	.75480	.00986	.00158	.00218	-.00792	-.00264	-.00666

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.01673	.00164	-.00128	5.9461
SDev	.00043	.00162	.00004	.00237	.0041
%RSD	52.150	9.6638	2.5704	185.30	.06916
#1	-.00052	.01787	.00167	.00040	5.9432
#2	-.00112	.01558	.00161	-.00295	5.9490

04/22/04

Analysis Report 04/22/04 05:49:55 PM page 1

Method: 6010B Sample Name: S2186-24 Operator: DR
Run Time: 04/22/04 17:48:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	-.00476	.00057	-.00348	.00276	-.05422	.14495
SDev	.00128	.00439	.00040	.00200	.00178	.00186	.00011
%RSD	37.126	92.092	69.747	57.333	64.580	3.4278	.07252
#1	.00254	-.00787	.00086	-.00207	.00150	-.05291	.14503
#2	.00435	-.00166	.00029	-.00490	.00402	-.05554	.14488

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00008	58.050	.00087	.00022	-.00487	-.00569
SDev	.00001	.00001	.110	.00074	.00186	.00080	.00827
%RSD	13.184	12.144	.19016	84.365	861.67	16.381	145.46
#1	.00008	-.00007	57.972	.00139	-.00110	-.00431	-.01154
#2	.00006	-.00009	58.128	.00035	.00153	-.00544	.00016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02926	11.057	.00038	-.00166	6.1448	.00069	.00767
SDev	.00019	.177	.00181	.00068	.3840	.00059	.00020
%RSD	.64437	1.6012	475.67	40.672	6.2498	85.945	2.6162
#1	.02913	11.182	-.00090	-.00214	6.4164	.00027	.00752
#2	.02940	10.931	.00166	-.00118	5.8732	.00111	.00781

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46979	.00375	-.00242	.00543	-.00385	.00231	-.00807
SDev	.09076	.00412	.00289	.00123	.00121	.00236	.00431
%RSD	19.319	109.84	119.44	22.650	31.537	102.37	53.443
#1	.40562	.00084	-.00038	.00456	-.00299	.00064	-.00502
#2	.53397	.00666	-.00447	.00630	-.00471	.00398	-.01112

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.01216	-.00051	-.00198	5.7058
SDev	.00080	.00348	.00021	.00049	.0002
%RSD	34.625	28.643	41.639	24.543	.00288
#1	.00288	.01462	-.00036	-.00163	5.7059
#2	.00174	.00969	-.00066	-.00232	5.7056

04/22/04

Analysis Report 04/22/04 05:51:46 PM page 1

Method: 6010B Sample Name: S2186-25 Operator: DR
Run Time: 04/22/04 17:50:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	-.00107	-.00124	-.00426	.00210	-.04310	.10229
SDev	.00037	.00482	.00025	.00191	.00023	.00262	.00037
%RSD	21.799	448.39	20.561	44.886	10.730	6.0743	.35928
#1	.00142	.00233	-.00142	-.00291	.00194	-.04495	.10255
#2	.00194	-.00448	-.00106	-.00561	.00226	-.04125	.10203

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00036	28.016	.00096	.00110	-.00285	.00603
SDev	.00002	.00015	.091	.00006	.00034	.00023	.00828
%RSD	19.764	41.569	.32384	6.2399	30.707	7.9863	137.20
#1	.00009	-.00025	28.080	.00091	.00134	-.00301	.01188
#2	.00007	-.00046	27.952	.00100	.00086	-.00269	.00018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	4.0494	.00071	-.00055	3.6615	-.00023	.00893
SDev	.00012	.0173	.00122	.00016	.1550	.00024	.00016
%RSD	7.2001	.42748	172.96	29.304	4.2330	101.87	1.7917
#1	.00172	4.0617	.00157	-.00044	3.7711	-.00007	.00905
#2	.00155	4.0372	-.00016	-.00067	3.5519	-.00040	.00882

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38768	.00164	-.00017	.00022	-.00396	.00094	-.00855
SDev	.02762	.00180	.00428	.00026	.00051	.00316	.00143
%RSD	7.1250	109.56	2475.2	116.32	12.883	335.09	16.708
#1	.40721	.00291	-.00320	.00041	-.00433	.00318	-.00754
#2	.36815	.00037	.00285	.00004	-.00360	-.00129	-.00956

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.01018	.00133	-.00092	4.8727
SDev	.00017	.00056	.00006	.00008	.0206
%RSD	24.653	5.4983	4.7651	8.7984	.42200
#1	.00056	.00978	.00138	-.00098	4.8872
#2	.00080	.01057	.00129	-.00086	4.8581

04/22/04

Analysis Report 04/22/04 05:53:44 PM page 1

Method: 6010B Sample Name: S2186-26 Operator: DR
Run Time: 04/22/04 17:52:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00148	-.00458	-.00010	-.00456	.00521	-.05131	.10920
SDev	.00119	.00382	.00027	.00012	.00170	.00151	.00068
%RSD	80.353	83.561	282.36	2.6646	32.638	2.9332	.62526
#1	-.00064	-.00187	-.00029	-.00448	.00401	-.05024	.10871
#2	-.00232	-.00728	.00010	-.00465	.00641	-.05237	.10968

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00024	45.032	.00648	.00041	-.00265	.01520
SDev	.00002	.00028	.226	.00060	.00051	.00029	.00945
%RSD	28.085	114.39	.50235	9.2010	124.66	10.826	62.191
#1	.00010	-.00005	44.872	.00690	.00076	-.00245	.02189
#2	.00007	-.00044	45.192	.00606	.00005	-.00285	.00852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	7.6405	.00195	.00091	4.4549	.00079	.00703
SDev	.00009	.0233	.00067	.00088	.1534	.00048	.00004
%RSD	52.557	.30551	34.385	96.342	3.4435	60.721	.60090
#1	-.00011	7.6240	.00242	.00153	4.5633	.00112	.00700
#2	-.00025	7.6570	.00147	.00029	4.3464	.00045	.00706

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81539	.00713	-.00186	.00095	-.00262	-.00725	-.00452
SDev	.01466	.00402	.00295	.00314	.00116	.00440	.00238
%RSD	1.7975	56.366	158.90	332.16	44.180	60.762	49.343
#1	.82575	.00429	.00023	-.00127	-.00180	-.01036	-.00314
#2	.80502	.00998	-.00394	.00317	-.00343	-.00413	-.00651

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.01238	-.00052	-.00026	3.4451
SDev	.00048	.00131	.00019	.00004	.0118
%RSD	58.711	10.551	36.404	15.461	.34379
#1	.00117	.01145	-.00066	-.00023	3.4367
#2	.00048	.01330	-.00039	-.00029	3.4535

04/22/04

Analysis Report 04/22/04 05:55:32 PM page 1

Method: 6010B Sample Name: S2186-27 Operator: DR
Run Time: 04/22/04 17:53:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00177	-.00282	-.00160	-.00391	.00407	-.05848	-.00127
SDev	.00506	.00404	.00012	.00119	.00075	.00787	.00000
%RSD	285.08	143.42	7.6252	30.553	18.503	13.466	.00558
#1	.00180	-.00567	-.00169	-.00475	.00354	-.05291	-.00127
#2	-.00535	.00004	-.00152	-.00306	.00460	-.06405	-.00127

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00033	.07055	-.00162	-.00057	-.00544	.00354
SDev	.00000	.00009	.02937	.00008	.00027	.00023	.00709
%RSD	4.0185	26.919	41.632	4.9317	47.233	4.2163	200.23
#1	.00004	-.00027	.04978	-.00167	-.00038	-.00528	.00855
#2	.00005	-.00040	.09132	-.00156	-.00076	-.00560	-.00147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00547	-.00072	-.00190	-.44623	-.00083	-.00631
SDev	.00007	.01390	.00071	.00056	.06401	.00083	.00008
%RSD	114.03	253.91	98.882	29.391	14.344	100.66	1.2946
#1	-.00011	-.00435	-.00122	-.00150	-.40098	-.00024	-.00636
#2	-.00001	.01530	-.00022	-.00229	-.49149	-.00142	-.00625

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.13649	.00513	-.00125	.00177	-.00529	.00261	-.00886
SDev	.00451	.00123	.00472	.00094	.00065	.00265	.00325
%RSD	3.3039	23.978	378.84	53.155	12.363	101.37	36.714
#1	-.13330	.00600	-.00459	.00244	-.00575	.00449	-.01116
#2	-.13968	.00426	.00209	.00111	-.00483	.00074	-.00656

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00053	-.00011	.00011	.00391	.01145
SDev	.00128	.00019	.00015	.00158	.00905
%RSD	241.70	168.93	140.69	40.302	79.014
#1	.00038	.00002	.00021	.00503	.01785
#2	-.00144	-.00024	.00000	.00280	.00505

gh 4/22/04

Analysis Report 04/22/04 05:57:16 PM page 1

Method: 6010B Sample Name: S2186-28 Operator: DR
Run Time: 04/22/04 17:55:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00032	-.00036	-.00120	.00559	-.05847	-.00157
SDev	.00034	.00135	.00039	.00161	.00231	.00037	.00011
%RSD	2191.0	427.14	110.55	133.98	41.293	.63324	6.6955
#1	.00025	-.00127	-.00008	-.00234	.00722	-.05873	-.00150
#2	-.00022	.00064	-.00064	-.00006	.00396	-.05821	-.00164

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00034	.03119	-.00080	.00024	-.00487	-.00817
SDev	.00001	.00028	.00166	.00012	.00068	.00011	.00473
%RSD	10.516	82.626	5.3161	14.897	281.96	2.3457	57.899
#1	.00008	-.00014	.03236	-.00072	.00072	-.00479	-.01152
#2	.00007	-.00054	.03002	-.00089	-.00024	-.00495	-.00483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00640	-.00046	-.00101	-.05087	-.00066	-.00628
SDev	.00005	.00210	.00028	.00103	.13648	.00012	.00020
%RSD	30.526	32.774	60.906	102.16	268.28	18.080	3.2290
#1	.00012	.00789	-.00065	-.00028	.04563	-.00057	-.00613
#2	.00019	.00492	-.00026	-.00173	-.14737	-.00074	-.00642

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10899	.00536	.00285	.00084	-.00295	.00625	-.00662
SDev	.00395	.00685	.00680	.00221	.00051	.00938	.00695
%RSD	3.6207	127.95	238.67	264.42	17.312	150.22	105.09
#1	-.11178	.01021	-.00196	.00240	-.00331	.01288	-.01153
#2	-.10620	.00051	.00766	-.00073	-.00259	-.00039	-.00170

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.00073	-.00018	.00411	.00622
SDev	.00060	.00118	.00021	.00028	.00230
%RSD	76.223	162.74	118.21	6.8817	37.049
#1	-.00036	.00011	-.00003	.00431	.00784
#2	-.00120	-.00156	-.00033	.00391	.00459

04/22/04

Analysis Report 04/22/04 05:59:23 PM page 1

Method: 6010B Sample Name: S2186-29 Operator: DR
Run Time: 04/22/04 17:57:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00103	-.00048	-.00292	.00589	-.03198	.65875
SDev	.00042	.00043	.00150	.00270	.00419	.00711	.00110
%RSD	47.636	41.718	310.23	92.625	71.194	22.217	.16743
#1	.00059	.00134	-.00154	-.00483	.00292	-.02696	.65797
#2	.00119	.00073	.00058	-.00101	.00885	-.03701	.65953

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00053	82.795	.02045	-.00084	-.00309	.06367
SDev	.00000	.00051	.001	.00078	.00132	.00103	.01420
%RSD	4.1741	95.015	.00086	3.7938	157.20	33.296	22.300
#1	.00003	-.00089	82.795	.02100	-.00177	-.00236	.07371
#2	.00003	-.00018	82.796	.01990	.00009	-.00382	.05363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00192	34.365	.01362	-.00251	13.479	.00056	.37873
SDev	.00005	.492	.00003	.00265	.594	.00059	.00109
%RSD	2.4649	1.4318	.22881	105.21	4.4070	105.66	.28853
#1	.00189	34.713	.01360	-.00438	13.899	.00014	.37796
#2	.00195	34.017	.01364	-.00064	13.059	.00098	.37951

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0625	.00651	.00143	.00536	-.00540	.00140	-.00667
SDev	.1263	.00747	.00239	.00159	.00146	.00220	.00515
%RSD	11.884	114.79	167.12	29.593	27.017	157.61	77.226
#1	.97324	.00123	.00312	.00424	-.00643	.00295	-.01032
#2	1.1518	.01180	-.00026	.00648	-.00437	-.00016	-.00303

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.03541	-.00149	-.00226	9.1858
SDev	.00028	.00056	.00000	.00073	.0140
%RSD	155.66	1.5801	.00000	32.163	.15222
#1	.00038	.03502	-.00149	-.00175	9.1759
#2	-.00002	.03581	-.00149	-.00278	9.1957

4/22/04

Method: 6010B Sample Name: S2186-30 Operator: DR
Run Time: 04/22/04 17:59:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00082	.00077	-.00356	.00357	-.04468	.61891
SDev	.00037	.01013	.00071	.00175	.00184	.00187	.00378
%RSD	118.74	1231.7	91.536	49.185	51.622	4.1897	.61092
#1	.00057	.00634	.00027	-.00480	.00487	-.04336	.62158
#2	.00005	-.00799	.00127	-.00232	.00227	-.04601	.61623

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00042	77.839	.00705	.00105	-.00406	-.00989
SDev	.00003	.00013	.492	.00060	.00007	.00023	.00946
%RSD	49.974	31.061	.63178	8.4682	6.4312	5.6056	95.665
#1	.00009	-.00051	78.186	.00747	.00110	-.00390	-.01658
#2	.00004	-.00033	77.491	.00662	.00100	-.00423	-.00320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	31.946	.00353	-.00022	12.508	.00087	.35945
SDev	.00002	.206	.00014	.00063	.353	.00012	.00109
%RSD	81.133	.64367	4.0825	282.95	2.8250	13.589	.30364
#1	-.00001	32.091	.00342	.00022	12.758	.00079	.36022
#2	-.00005	31.801	.00363	-.00067	12.258	.00095	.35868

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0825	.00148	.00455	.00187	-.00178	-.00034	-.00677
SDev	.0440	.00180	.00914	.00088	.00062	.00951	.00212
%RSD	4.0621	121.20	200.89	46.981	34.987	2768.6	31.298
#1	1.1135	.00021	.01101	.00125	-.00221	-.00707	-.00527
#2	1.0514	.00276	-.00191	.00250	-.00134	.00638	-.00827

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	.03779	-.00096	-.00265	8.6861
SDev	.00067	.00006	.00013	.00144	.0561
%RSD	129.31	.16455	13.266	54.189	.64580
#1	-.00004	.03774	-.00087	-.00163	8.7258
#2	-.00099	.03783	-.00105	-.00366	8.6464

DR 4/22/04

Analysis Report 04/22/04 06:03:24 PM page 1

Method: 6010B Sample Name: S2186-31 Operator: DR
Run Time: 04/22/04 18:01:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	-.00402	-.00185	-.00165	.00479	-.04946	.32133
SDev	.00073	.00305	.00074	.00202	.00003	.00937	.00042
%RSD	89.354	75.684	39.893	122.32	.55001	18.943	.13078
#1	.00030	-.00187	-.00238	-.00022	.00477	-.05608	.32163
#2	.00134	-.00618	-.00133	-.00308	.00481	-.04283	.32103

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00058	49.242	.00347	.00069	-.00406	-.00234
SDev	.00003	.00017	.028	.00064	.00030	.00092	.01773
%RSD	45.931	28.955	.05677	18.315	43.867	22.526	756.65
#1	.00004	-.00070	49.223	.00302	.00091	-.00471	-.01488
#2	.00009	-.00046	49.262	.00392	.00048	-.00342	.01019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	15.117	.00066	-.00064	8.0835	.00011	.01071
SDev	.00002	.113	.00041	.00092	.2185	.00072	.00065
%RSD	7.2200	.74433	62.583	143.71	2.7027	669.15	6.0582
#1	-.00031	15.037	.00037	-.00129	7.9290	-.00040	.01117
#2	-.00035	15.196	.00095	.00001	8.2380	.00061	.01025

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4639	.00591	-.00066	.00199	-.00578	.00275	-.00545
SDev	.0344	.00151	.00294	.00299	.00260	.00322	.00464
%RSD	.77034	25.545	446.72	150.22	45.099	117.31	85.164
#1	4.4882	.00484	.00142	.00411	-.00762	.00047	-.00217
#2	4.4395	.00698	-.00274	-.00012	-.00393	.00503	-.00873

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.02152	-.00067	-.00183	5.9153
SDev	.00080	.00218	.00044	.00255	.0003
%RSD	74.498	10.112	66.050	138.89	.00556
#1	.00164	.02306	-.00099	-.00364	5.9150
#2	.00051	.01998	-.00036	-.00003	5.9155

DR 4/22/04

Analysis Report QC Standard 04/22/04 06:05:47 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 18:04:03
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2676	5.4346	5.3458	5.3027	5.0850	10.140	9.8699
SDev	.0097	.0035	.0131	.0139	.0258	.020	.0162
%RSD	.18450	.06424	.24595	.26141	.50728	.19982	.16440
#1	5.2745	5.4321	5.3551	5.3125	5.1033	10.155	9.8814
#2	5.2608	5.4371	5.3366	5.2929	5.0668	10.126	9.8584

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25583	2.6946	26.206	1.0207	2.5695	1.1968	4.9361
SDev	.00026	.0015	.018	.0003	.0035	.0025	.0048
%RSD	.10119	.05592	.06689	.02529	.13527	.21024	.09642
#1	.25601	2.6935	26.218	1.0209	2.5719	1.1986	4.9328
#2	.25565	2.6956	26.194	1.0205	2.5670	1.1950	4.9395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5175	26.247	2.6302	1.2761	25.574	2.4731	2.5705
SDev	.0022	.012	.0019	.0020	.243	.0021	.0003
%RSD	.08792	.04697	.07122	.15479	.94941	.08658	.01135
#1	2.5191	26.255	2.6289	1.2775	25.745	2.4746	2.5703
#2	2.5159	26.238	2.6315	1.2747	25.402	2.4716	2.5708

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.353	5.1272	4.9974	5.2837	5.3749	5.2841	5.3104
SDev	.065	.0355	.0064	.0105	.0144	.0153	.0132
%RSD	.25570	.69157	.12890	.19963	.26877	.28863	.24797
#1	25.399	5.1523	5.0019	5.2912	5.3851	5.2948	5.3198
#2	25.307	5.1021	4.9928	5.2763	5.3647	5.2733	5.3011

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2299	5.1570	4.9578	5.2081	Q5.5968
SDev	.0033	.0086	.0055	.0022	.0099
%RSD	.06401	.16637	.11169	.04193	.17635
#1	5.2323	5.1510	4.9618	5.2096	Q5.6037
#2	5.2275	5.1631	4.9539	5.2065	Q5.5898

04/22/04

Analysis Report QC Standard 04/22/04 06:11:09 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 18:09:23
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00423	-.00007	-.00157	.00005	-.00199	-.00048
SDev	.00011	.00080	.00187	.00146	.00011	.01031	.00021
%RSD	2366.5	18.855	2541.6	93.117	216.59	517.63	43.516
#1	-.00008	.00366	-.00139	-.00260	-.00003	-.00928	-.00033
#2	.00007	.00479	.00125	-.00054	.00013	.00530	-.00063

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00004	-.00255	-.00127	.00004	-.00144	-.00855
SDev	.00000	.00022	.00054	.00116	.00000	.00088	.00269
%RSD	3.3970	515.18	21.213	90.924	.25068	61.444	31.455
#1	-.00002	.00019	-.00217	-.00209	.00004	-.00207	-.00665
#2	-.00002	-.00011	-.00293	-.00045	.00004	-.00081	-.01045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00033	-.00025	.00279	.07968	-.00036	-.00177
SDev	.00004	.00000	.00054	.00040	.06713	.00030	.00028
%RSD	18.978	.00000	212.30	14.201	84.251	83.672	15.739
#1	-.00016	-.00033	-.00063	.00307	.12715	-.00015	-.00157
#2	-.00021	-.00033	.00013	.00251	.03221	-.00057	-.00196

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01274	.00653	.00229	.00104	-.00128	.00157	-.00374
SDev	.00055	.00037	.00043	.00120	.00344	.00195	.00311
%RSD	4.2856	5.7275	18.659	115.08	269.28	123.63	83.030
#1	-.01235	.00627	.00259	.00189	-.00371	.00295	-.00594
#2	-.01312	.00679	.00199	.00019	.00116	.00020	-.00155

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00512	.00031	.00357	.00273
SDev	.00063	.00100	.00006	.00069	.00362
%RSD	167.96	19.425	20.168	19.256	132.73
#1	-.00007	.00442	.00027	.00308	.00017
#2	.00082	.00582	.00036	.00406	.00529

4/22/04

P1042248

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

ICP-1 ANALYSIS RUN LOG

METHOD: 6010B

PROJECT No: S2136ASP S2207C

S2224L3 S2236L3 S2239ASP S2241ASP S2216C S2218C S2186L4

RUN ID: P1042204 DATE: 04 / 22 / 04 ANALYST: [illegible] SUPERVISOR REVIEW: [illegible]

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No from Stock Log	LBP #	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COMM
STD-S0	10:39							
STD-S1	10:41							
STD-S2	10:43							
STD-S	10:46							
HMS	10:48							
HMS/100	10:52							
ICV	11:01							
ICB	11:07							
CRI	11:16							
ICSA	11:22							
ICSAB	11:24							
04/22/04 ~~CCV~~ CCL	11:28							
CCV	11:30							
CCB	11:32							

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB13516 BL	PBW	11:44		
PB13515 BL	PBW	11:46		
PB13516 BS	LCSW	11:49		
PB13515 BS	LCSW	11:51		
S2032-07		11:54		
-08		11:53		
-09		12:00		
-10		12:05		
-11		12:07		
-12		12:09		
CCV		12:11		
CCB		12:13		
S2032-13		12:18		
-14		12:20		
-15		12:22		

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG

1L 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04 / 22 / 04 ANALYST: Debra Raquel

CC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2032-16		12:24		
-16D		12:26		
-16L		12:29	5	
-17		12:31		
-18		12:33		
-16A		12:35		
-19		12:37		
CCV		12:43		
CCB		12:45		
S2032-20		12:57		
-21		12:54		
-22		12:56		
-23		12:58		
-24		12:59		
-25		13:01		
-27		13:03		
-28		13:05		
-29		13:07		
-30		13:09		
CCV		13:10		
CCB		13:15		
S2032-31		13:17		
-32		13:19		
-26		13:21		

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG

DR 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: Dita Rosell

CC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2032-26D		13:24		
-26L		13:26	5	
-26S		13:28		
-26SD		13:30		
-26A		13:32		
S2156-03		13:34		
DR 4/22/04				
CCV		13:41		
CCB		13:43		
S2239-01		13:45		
-02D		13:47		typo!
-02		13:49		typo!
-02L		13:51	5	
-03		14:01		
-04		14:03		
-05		14:05		
-02S		14:07		
-02SD		14:09		
-02A		14:11		
CCV		14:15		
CCB		14:17		
S2239-06		14:24		
-07		14:26		
-08		14:28		

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
1K 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: D. to Raquel

CC:SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2239-09		14:30		
PB13728 BL	PBW	14:33		
S2136-01		14:36		
PB13831 BL	PBS	14:38		
PB13816 BL	PBW	14:40		
PB13831 BS	LCSS	14:42		
PB13816 BS	LCSW	14:45		
CCV		14:47		
CCB		14:51		
S2207-01		14:53		
-01D		14:55		
-01L		14:57	5	
-01S		14:59		
-01SD		15:01		
-01A		15:03		
S2224-01		15:05		
-02		15:07		
-03		15:09		
-04		15:11		
CCV		15:13		
CCB		15:16		
S2236-01		15:20		
-02		15:22		
-03		15:24		

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
ok 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: Dita Kogut

QC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2236-04		15:25		
ok 4/22/04 ~~-05~~	222222	15:27		
ok 4/22/04 ~~-06~~	222222	15:29		
ok 4/22/04 ~~-07~~	222222	15:31		
-08		15:33		
-09		15:35		
-10		15:37		
CCV		15:39		
CCB		15:41		
S2241-01		15:46	~~K~~ ok 4/22/04	
S2216-01		15:48	10	
-02		15:50	10	
-03	ok 4/22/04	15:52	10	
~~S2218-01~~	222222	15:54	10	222222 out
PB13814 BL	PBW	15:57		
PB13815 BL	PBW	16:00		
PB13814 BS	LCSW	16:03		
PB13815 BS	LCSW	16:05		
S2218-01		16:09		calculate per 52g
CCV		16:11	ok 4/22/04	
CCB		~~16:14~~ 16:16		
S2186-01		16:18		
-01D		16:20		
-01L		16:22	5	

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ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG
1L 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: Dita Roque

QC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2186-01S		16:24		
-01SD		16:26		
-01A		16:28		
-02		16:31		
-03		16:32		
-04		16:35		
-06		16:37		
CCV		16:40		
CCB		16:42		
S2186-07		16:45		
-08		16:47		
-09		16:49		
-10		16:53		
-11		16:55		
-12		16:57		
-13		16:59		
-14		17:01		
-15		17:03		
-16		17:06		
CCV		17:08		
CCB		17:10		
S2186-17		17:12		
-17D		17:14		
-17L		17:16	5	

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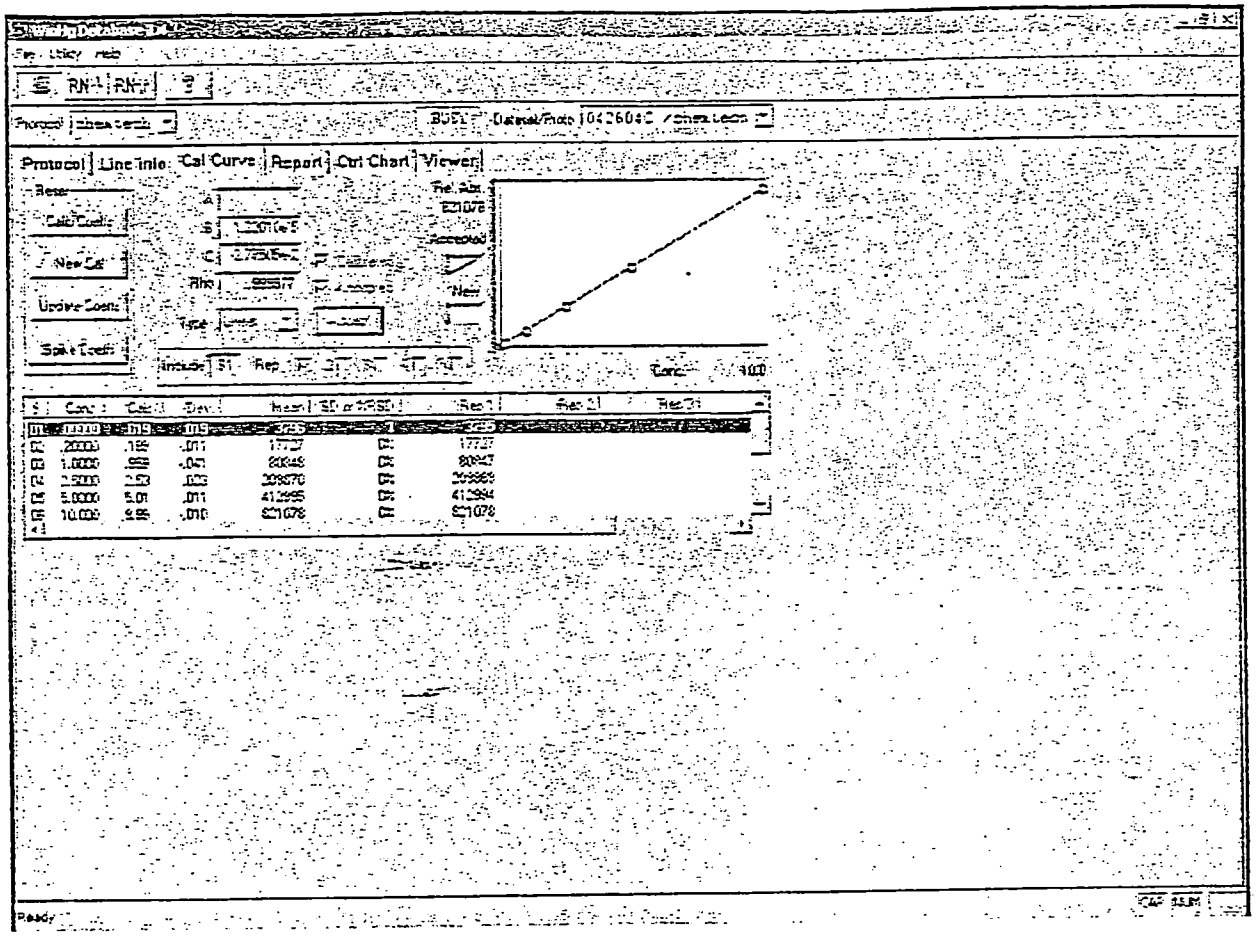
ICP-1 ~~ICP-2~~ ANALYSIS RUN LOG

JA 4/12/04

METHOD NO: 6010B PROJECT NO:

RUN ID: P1042204 DATE: 04/22/04 ANALYST: Delta Roque

CC/SAMPLE	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
S2186-17S		17:21		
-17SD		17:23		
-17A		17:25		
-18		17:28		
-19		17:33		
-20		17:35		
-21		17:37		
CCV		17:39		
CCB		17:41		
S2186-22		17:43		
-23		17:45		
-24		17:48		
-25		17:50		
-26		17:52		
-27		17:53		
-28		17:55		
-29		17:57		
-30		17:59		
-31		18:01		
CCV		18:04		
CCB		18:09		



Instrument ID #CV2

1/26/04

Folder: 042604C
Protocol: chemtech

13:12:00 26 Apr 2004

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1			S0	Seq:	0	13:12:00 26 Apr 04			HG
Hg	.000	ppb	3795						
*** Standard: 2 Rep: 1			S0.2	Seq:	1	13:14:17 26 Apr 04			HG
Hg	.200	ppb	17727						
*** Standard: 3 Rep: 1			S1.0	Seq:	2	13:16:41 26 Apr 04			HG
Hg	1.00	ppb	80847						
*** Standard: 4 Rep: 1			S2.5	Seq:	3	13:18:57 26 Apr 04			HG
Hg	2.50	ppb	209869						
*** Standard: 5 Rep: 1			S5.0	Seq:	4	13:21:17 26 Apr 04			HG
Hg	5.00	ppb	412994						
*** Standard: 6 Rep: 1			S10.0	Seq:	5	13:23:35 26 Apr 04			HG
Hg	10.0	ppb	821078						

4/26/04

Folder: 042604C
Protocol: chemtech

13:25:50 26 Apr 2004

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: ICV Seq: 6 13:25:50 26 Apr 04 HG

			ICV		
Hg	3.83	ppb	.000	3.83	

*** Sample ID: ICB Seq: 7 13:28:19 26 Apr 04 HG

			ICB		
Hg	-.025	ppb	.000	-.025	

*** Check Standard: 2 Ck2 Seq: 8 13:30:34 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.1	4.95	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 9 13:32:48 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.044	.200	ppb	.000

*** Sample ID: CRA Seq: 10 13:35:02 26 Apr 04 HG

			CRA		
Hg	.149	ppb	.000	.149	

*** Sample ID: HIGH STD Seq: 11 13:37:19 26 Apr 04 HG

			HIGH STD		
Hg	9.97	ppb	.000	9.97	

*** Sample ID: CHK STD Seq: 12 13:39:57 26 Apr 04 HG

			CHK STD		
Hg	6.79	ppb	.000	6.79	

*** Sample ID: PBW Seq: 13 13:42:13 26 Apr 04 HG

			PB13909BL		
Hg	-.042	ppb	.000	-.042	

*** Sample ID: PBW Seq: 14 13:44:38 26 Apr 04 HG

			PB13911BL		
Hg	-.009	ppb	.000	-.009	

*** Sample ID: S2214-04 Seq: 15 13:46:53 26 Apr 04 HG

			ZL7252		
Hg	-.003	ppb	.000	-.003	

*** Sample ID: S2214-05 Seq: 16 13:49:08 26 Apr 04 HG

			ZL7256		
Hg	.001	ppb	.000	.001	

*** Sample ID: S2214-05D Seq: 17 13:51:33 26 Apr 04 HG

			ZL7256D		
Hg	-.013	ppb	.000	-.013	

*** Sample ID: S2214-05S Seq: 18 13:54:46 26 Apr 04 HG

			ZL7256S		
Hg	4.26	ppb	.000	4.26	

hm
4/26/04

Folder: 042604C
Protocol: chemtech

13:57:11 26 Apr 2004

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S2214-05SD Seq: 19 13:57:11 26 Apr 04 HG
ZL7256SD
Hg 4.82 ppb .000 4.82

*** Check Standard: 2 Ck2 Seq: 20 13:59:45 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.7	4.89	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 21 14:02:40 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.019	.200	ppb	.000

*** Sample ID: S2214-05L x5 Seq: 22 14:05:26 26 Apr 04 HG
ZL7256L
Hg -.023 ppb .000 -.023

*** Sample ID: S2214-05A Seq: 23 14:08:01 26 Apr 04 HG
ZL7256A
Hg 3.79 ppb .000 3.79

*** Sample ID: S2214-06 Seq: 24 14:10:20 26 Apr 04 HG
ZL7258
Hg .134 ppb .000 .134

*** Sample ID: S2214-07 Seq: 25 14:12:46 26 Apr 04 HG
ZL7259
Hg -.007 ppb .000 -.007

*** Sample ID: S2214-08 Seq: 26 14:15:00 26 Apr 04 HG
ZL7260
Hg -.009 ppb .000 -.009

*** Sample ID: S2224-01 Seq: 27 14:17:21 26 Apr 04 HG
ZZZZZZ
Hg -.019 ppb .000 -.019

*** Sample ID: S2224-02 Seq: 28 14:19:36 26 Apr 04 HG
ZZZZZZ
Hg .000 ppb .000 .000

*** Sample ID: S2224-03 Seq: 29 14:22:05 26 Apr 04 HG
ZZZZZZ
Hg -.009 ppb .000 -.009

*** Sample ID: S2224-04 Seq: 30 14:25:01 26 Apr 04 HG
ZZZZZZ
Hg -.063 ppb .000 -.063

*** Sample ID: S2224-04D Seq: 31 14:27:18 26 Apr 04 HG
ZZZZZZ
Hg .006 ppb .000 .006

4/26/04

Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 2 Ck2 Seq: 32 14:29:58 26 Apr 04 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 95.7 4.79 5.00 ppb .000

*** Check Standard: 1 Ck1 Seq: 33 14:32:14 26 Apr 04 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.038 .200 ppb .000

*** Sample ID: S2224-04S Seq: 34 14:34:51 26 Apr 04 HG
ZZZZZZ
Hg 4.16 ppb .000 4.16

*** Sample ID: S2224-04SD Seq: 35 14:37:08 26 Apr 04 HG
ZZZZZZ
Hg 4.89 ppb .000 4.89

*** Sample ID: S2224-04L x5 Seq: 36 14:39:46 26 Apr 04 HG
ZZZZZZ
Hg -.019 ppb .000 -.019

*** Sample ID: S2224-04A Seq: 37 14:42:04 26 Apr 04 HG
ZZZZZZ
Hg 3.94 ppb .000 3.94

*** Sample ID: S2186-01 Seq: 38 14:44:35 26 Apr 04 HG
MW-1
Hg -.004 ppb .000 -.004

*** Sample ID: S2186-02 Seq: 39 14:46:59 26 Apr 04 HG
MW-7
Hg -.008 ppb .000 -.008

*** Sample ID: S2186-03 Seq: 40 14:49:26 26 Apr 04 HG
FIELDBLANK-1
Hg -.006 ppb .000 -.006

*** Sample ID: S2186-04 Seq: 41 14:51:51 26 Apr 04 HG
MW-3
Hg -.001 ppb .000 -.001

*** Sample ID: S2186-06 Seq: 42 14:54:10 26 Apr 04 HG
MW-5
Hg -.001 ppb .000 -.001

*** Sample ID: S2186-07 Seq: 43 14:57:47 26 Apr 04 HG
MW-8DUP
Hg -.018 ppb .000 -.018

*** Check Standard: 2 Ck2 Seq: 44 15:00:07 26 Apr 04 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 97.5 4.87 5.00 ppb .000

MW 4/26/04

15:02:25 26 Apr 2004 Folder: 042604C
Protocol: chemtech

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1 Seq: 45 15:02:25 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.042	.200	ppb	.000

*** Sample ID: S2186-08 Seq: 46 15:06:29 26 Apr 04 HG

MW-11

Hg	.001	ppb	.000	.001

*** Sample ID: S2186-09 Seq: 47 15:08:47 26 Apr 04 HG

MW-12

Hg	-.013	ppb	.000	-.013

*** Sample ID: S2186-10 Seq: 48 15:11:06 26 Apr 04 HG

MW-10

Hg	-.006	ppb	.000	-.006

*** Sample ID: S2186-11 Seq: 49 15:13:27 26 Apr 04 HG

MW-9

Hg	.002	ppb	.000	.002

*** Sample ID: S2186-12 Seq: 50 15:15:54 26 Apr 04 HG

FIELDBLANK-2

Hg	-.014	ppb	.000	-.014

*** Sample ID: S2186-13 Seq: 51 15:18:13 26 Apr 04 HG

RINSEBLANK

Hg	-.006	ppb	.000	-.006

*** Sample ID: S2186-14 Seq: 52 15:20:38 26 Apr 04 HG

AMW-1

Hg	.006	ppb	.000	.006

*** Sample ID: S2186-15 Seq: 53 15:23:05 26 Apr 04 HG

AMW-1DUP

Hg	-.028	ppb	.000	-.028

*** Sample ID: S2186-16 Seq: 54 15:25:40 26 Apr 04 HG

MW-6

Hg	.009	ppb	.000	.009

*** Sample ID: S2186-17 Seq: 55 15:28:02 26 Apr 04 HG

MW-1

Hg	.008	ppb	.000	.008

*** Check Standard: 2 Ck2 Seq: 56 15:30:19 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.4	4.87	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 57 15:32:37 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.032	.200	ppb	.000

MM
4/26/04

Folder: 042604C
15:34:53 26 Apr 2004 Protocol: chemtech

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S2186-18 Seq: 58 15:34:53 26 Apr 04 HG
MW-7
Hg .019 ppb .000 .019

*** Sample ID: S2186-19 Seq: 59 15:37:20 26 Apr 04 HG
FIELDBLANK
Hg -.013 ppb .000 -.013

*** Sample ID: S2186-20 Seq: 60 15:39:36 26 Apr 04 HG
MW-8
Hg -.046 ppb .000 -.046

*** Sample ID: S2186-21 Seq: 61 15:41:53 26 Apr 04 HG
MW-5
Hg -.007 ppb .000 -.007

*** Sample ID: S2186-22 Seq: 62 15:44:18 26 Apr 04 HG
MW-8DUP
Hg -.038 ppb .000 -.038

*** Sample ID: S2186-23 Seq: 63 15:46:45 26 Apr 04 HG
MW-11
Hg -.015 ppb .000 -.015

*** Sample ID: S2186-24 Seq: 64 15:49:01 26 Apr 04 HG
MW-12
Hg -.016 ppb .000 -.016

*** Sample ID: S2186-25 Seq: 65 15:51:41 26 Apr 04 HG
MW-10
Hg .028 ppb .000 .028

*** Sample ID: S2186-26 Seq: 66 15:54:00 26 Apr 04 HG
MW-9
Hg -.009 ppb .000 -.009

*** Sample ID: S2186-27 Seq: 67 15:56:55 26 Apr 04 HG
FIELDBLANK
Hg -.001 ppb .000 -.001

*** Check Standard: 2 Ck2 Seq: 68 15:59:46 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.00	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 69 16:02:10 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.071	.200	ppb	.000

*** Sample ID: S2186-28 Seq: 70 16:04:38 26 Apr 04 HG
RINSEBLANK
Hg .006 ppb .000 .006

4/26/04

Folder: 042604C
16:07:20 26 Apr 2004 Protocol: chemtech

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S2186-29 Seq: 71 16:07:20 26 Apr 04 HG

AMW-1

Hg	.011	ppb	.000	.011

*** Sample ID: S2186-30 Seq: 72 16:10:10 26 Apr 04 HG

AMW-1DUP

Hg	-.100	ppb	.000	-.100

*** Sample ID: S2186-31 Seq: 73 16:12:38 26 Apr 04 HG

MW-6

Hg	-.078	ppb	.000	-.078

*** Check Standard: 2 Ck2 Seq: 74 16:15:17 26 Apr 04 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.8	4.89	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 75 16:17:33 26 Apr 04 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.017	.200	ppb	.000

4/26/04

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CV2

MERCURY ANALYSIS LOGBOOK

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
04/28/04	S2151	Level 3	13:02	1335	15732	90270	210539	497080
↓	S2173	Level 3	↓	↓	↓	↓	↓	↓
4/26/04	S2270	C	10:33	1809	20840	98651	220592	43775
↓	S2271	NJ	↓	↓	↓	↓	↓	↓
↓	S2257(G)	ASP	↓	↓	↓	↓	↓	↓
4/26/04	S2219	ASP	12:06	1853	17772	82358	207515	409312
4/26/04	S2186	L-4	13:12	3775	17767	80847	209867	412994
↓	S2214	L-4	↓	↓	↓	↓	↓	↓
↓	S2224	L-3	↓	↓	↓	↓	↓	↓

QA Control # A3010130

Page 5

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284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coeficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Initials
895111	14:14	.999748	S8188 #1	PB13810	TK	OL
↓	↓	↓	↓	↓	TK	OL
857145	11:42	.99909	S8193	PB13840	MM	OL
↓	↓	↓	↓	↓	MM	OL
↓	↓	↓	↓	↓	MM	OL
813079	13:06	.999990	S8193	PB13808	MM	OL
821073	16:17	.999977	S8193	PB13809	MM	OL
↓	↓	↓	↓	PB13811	MM	OL
↓	↓	↓	↓	↓	MM	OL

QA Control # A3010130

Page 6

553

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8

WATER SAMPLE PREPARATION WORKSHEET

SDG No _____

Batch #: pb13814

Matrix: Water

ICP Digest Date: 04/21/04

Method: 3010

Sample Received By: _____

Initial Vol: 100 ml

Final Vol: 100 ml

Analyst Signature: [illegible]

Hot Plate Temp: 1. 2. 3.
95°

Supervisor Signature: _____

STANDARD NAME	MLS USED	STD REF. # FROM LOG
Spike Sol 1		
Spike Sol 2	1.0 mL	MI 4039
Spike Sol 3	1.0 mL	MI 4041
Spike Sol 4		
Spike Sol. 5	1.0 mL	MI 4040

TK 04/21/04

CHEMICAL USED	LOT #
CONC: HNO3	MR 964
1:1 HCL	MT 4034
1:1 HNO3	
CONC: HCL	

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Batch #: pb13814

LAB SAMPLE ID	CLIENT SAMPLE ID	COLOR BEFORE	COLOR AFTER	CLARITY BEFORE	CLARITY AFTER	pH	COMMENTS
S2186-01MS	mwi S	C	C	CL	CL	<2	Spike Sol. 2,3,5
S2186-01MSD	mwi SD	C	C	CL	CL	<2	Spike Sol. 2,3,5
S2186-01DUP	mwi D	C	C	CL	CL	<2	
pb13814BL	PBW	C	C	CL	CL	<2	
S2186-01	MW-1	C	C	CL	CL	<2	
S2186-02	MW-7	C	C	CL	CL	<2	
S2186-03	FIELDBLANK-1	C	C	CL	CL	<2	
S2186-04	MW-8	C	C	CL	CL	<2	
S2186-06	MW-5	C	C	CL	CL	<2	
S2186-07	MW-8DUP	C	C	CL	CL	<2	
S2186-08	MW-11	C	C	CL	CL	<2	
S2186-09	MW-12	C	C	CD	CL	<2	
S2186-10	MW-10	C	C	CD	CL	<2	
S2186-11	MW-9	C	C	CD	CL	<2	
S2186-12	FIELDBLANK-2	C	C	CL	CL	<2	
S2186-13	RINSEBLANK	C	C	CL	CL	<2	
S2186-14	AMW-1	C	C	CL	CL	<2	
S2186-15	AMW-1DUP	C	C	CL	CL	<2	
S2186-16	MW-6	C	C	CD	CL	<2	
Pb13814LCSW	LCSW	C	C	CL	CL	<2	Spike Sol. 2,3,5

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

CHEMTECH

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

MERCURY PREPARATION WORKSHEET

SOP: M -470 Revision:

Bath Temprature: -

Block Temprature: 95°C

Balance Check:(0.2G): —

Date: 4/21/2004

Acceptance Range 0. 199-0.201 gram

Final Volume: 40ml

Batch #: PB13809 PB13811

Digestion Time: In 2:00 p.m. Out 4:00 p.m.

Supervisor Signature: [signature]

Analyst Signature: Tatyana Corablera

Sample Received By: Nelson Mestero

STANDARD NAME	MLS USED	STD REF. # FROM LOG
ICV	40ML	S8163
CCV	40ML	S8165
CRA	40ML	S8162
Blank Spike	1.6ML	S8156

MP 04/21/04

CHEMICAL USED	LOT #
KMN04	MI3988
K2S2O8	MI3991
HNO3/H2SO4 1:2	MI4032
Hydroxylamine HCL	MI4047

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	Wt(g)/Vol(ml)	COMMENTS
BLK 0.0 ppb	S0	water	40ml	
Std1 0.2 ppb	S0.2			S 8162
Std2 1.0 ppb	S1.0			
Std3 2.5 ppb	S2.5			
Std4 5.0 ppb	S5.0			
Std5 10.0 ppb	S10.0			
ICV	ICV			S 8163
ICB	ICB			
CCV	CCV			S 8165
CCB	CCB			
CRA/~~CRI~~ 04/21/04	CRA/~~CRI~~			S 8162
CHK STD	CHK STD			S 8164

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Batch #: PB13809

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt (g)/Vol (ml)	pH	COMMENTS
S2186-07	MW-8DUP	Mercury	Water	40.0	< 2	
S2186-09	MW-12	Mercury	Water	40.0	< 2	
S2186-15	AMW-1DUP	Mercury	Water	40.0	< 2	
S2186-16	MW-6	Mercury	Water	40.0	< 2	
S2214-06	ZL7258	Mercury	Water	40.0	< 2	
S2186-01	MW-1	Mercury	Water	40.0	< 2	
S2186-10	MW-10	Mercury	Water	40.0	< 2	
S2186-13	RINSEBLANK	Mercury	Water	40.0	< 2	
S2214-07	ZL7259	Mercury	Water	40.0	< 2	
S2214-08	ZL7260	Mercury	Water	40.0	< 2	
S2214-05MS	ZL 7256	Mercury	Water	40.0	< 2	S 8156
S2214-05MSD	ZL 7256	Mercury	Water	40.0	< 2	S 8156
S2214-05DUP	ZL 7256	Mercury	Water	40.0	< 2	
PB13809BL	PBW	Mercury	Water	40.0	< 2	
S2186-02	MW-7	Mercury	Water	40.0	< 2	
S2186-03	FIELDBLANK-1	Mercury	Water	40.0	< 2	
S2186-04	MW-8	Mercury	Water	40.0	< 2	
S2186-06	MW-5	Mercury	Water	40.0	< 2	
S2186-08	MW-11	Mercury	Water	40.0	< 2	
S2186-11	MW-9	Mercury	Water	40.0	< 2	
S2186-12	FIELDBLANK-2	Mercury	Water	40.0	< 2	
S2186-14	AMW-1	Mercury	Water	40.0	< 2	
S2214-04	ZL7252	Mercury	Water	40.0	< 2	
S2214-05	ZL7256	Mercury	Water	40.0	< 2	

04/21/04

- BL=Blank
- BS=Blank Spike
- TB=TCLP Blank

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Batch #: PB13809

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt (g)/Vol (ml)	pH	COMMENTS
S2214-05MSD	ZL7256	Mercury	Water	40	<2	S 8156
S2186-08	MW-11	Mercury	Water	40	<2	
S2186-14	AMW-1	Mercury	Water	40	<2	
S2186-03	FIELDBLANK-1	Mercury	Water	40	<2	
S2186-04	MW-8	Mercury	Water	40	<2	
S2186-12	FIELDBLANK-2	Mercury	Water	40	<2	
S2186-13	RINSEBLANK	Mercury	Water	40	<2	
S2214-04	ZL7252	Mercury	Water	40	<2	
S2214-05	ZL7256	Mercury	Water	40	<2	
S2214-06	ZL7258	Mercury	Water	40	<2	
S2214-08	ZL7260	Mercury	Water	40	<2	
S2214-05MS	ZL 7256	Mercury	Water	40	<2	S 8156
S2214-05DUP	ZL7256	Mercury	Water	40	<2	
PB13809BL	PB IW	Mercury	Water	40	<2	
S2186-01	MW-1	Mercury	Water	40	<2	
S2186-02	MW-7	Mercury	Water	40	<2	
S2186-06	MW-5	Mercury	Water	40	<2	
S2186-07	MW-8DUP	Mercury	Water	40	<2	
S2186-09	MW-12	Mercury	Water	40	<2	
S2186-10	MW-10	Mercury	Water	40	<2	
S2186-11	MW-9	Mercury	Water	40	<2	
S2186-15	AMW-1DUP	Mercury	Water	40	<2	
S2186-16	MW-6	Mercury	Water	40	<2	
S2214-07	ZL7259	Mercury	Water	40	<2	

04/21/04 TF >>>

* BL=Blank
* BS=Blank Spike
* TB=TCLP Blank

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092
NEW JERSEY LAB ID#: 20012 : NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

PB13809
CHEMTECH PROJECT NUMBER: S2186, S2214 MATRIX: Water

METHOD: 7470

	NA	NO	YES
1. Calibration Summary meet criteria			✓
2. ICP Interference Check Sample Results Summary Submitted	✓		
3. Serial Dilution Summary Submitted (if applicable)meet criteria			✓
4. Laboratory Control Sample Summary Submitted (if applicable)	✓		
5. Blank Contamination Meet criteria Blank Contamination			✓

If No, list compounds and concentrations in each blank:

6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside of the acceptance range:

Hg

7. Sample Duplicate Analysis Meet QC Criteria:			✓

If not met, list those compounds and their % differences which fall outside of the acceptance range:

8. Digestion Holding Time Met			✓

If not met, list number of days exceeded for each sample:

9. Analysis Holding Time Met			✓

If not met, list number of days exceeded for each sample:

ADDITIONAL COMMENTS:

Supervisor [signature] Date 4/28/04

QA REVIEW [signature] Date 4/28/04

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012 : NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: S2186 (PB13814) MATRIX: water

METHOD: SW846

	NA	NO	YES
1. Calibration Summary meet criteria			✓
2. ICP Interference Check Sample Results Summary Submitted			✓
3. Serial Dilution Summary Submitted (if applicable) meet criteria K Na		✓	
4. Laboratory Control Sample Summary Submitted (if applicable)			✓
5. Blank Contamination Meet criteria Blank Contamination			✓
If No, list compounds and concentrations in each blank:			
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
If not met, list those compounds and their recoveries which fall outside of the acceptance range: K			
7. Sample Duplicate Analysis Meet QC Criteria:			
If not met, list those compounds and their % differences which fall outside of the acceptance range:			
8. Digestion Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
9. Analysis Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS: matrix interfe

Dita Rogers — Supervisor — Date 4/22/04

Martha Ancora — Chemist — Date 4/28/04

7.0 METALS SAMPLE RESULTS

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-17

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	486			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	167000			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	42500			P
7439-96-5	Manganese	1020			P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	12.6	J		P
7440-09-7	Potassium	2740	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	102000			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	22.3			P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-18

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	504			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	85100			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	21400			P
7439-96-5	Manganese	177			P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	1940	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	27200			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	10.8	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FIELDBLANK4-13

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-19

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	7.9	J		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	11.0	U		P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	1740	U		P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	254	U		P
7439-96-5	Manganese	0.20	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	51.0	U	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	189	U		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	8.1	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-20

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	1140			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	76300			P
7440-47-3	Chromium	2.9	J		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	31800			P
7439-96-5	Manganese	1.2	J		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	1870	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	12400			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	9.7	J		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-21

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	594			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	68500			P
7440-47-3	Chromium	3.0	J		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	29300			P
7439-96-5	Manganese	0.20	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	1320	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	10500			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	8.1	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-8DUP

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-22

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	1170			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	77600			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	31800			P
7439-96-5	Manganese	1.6	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	1930	U	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	11400			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	10.6	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-11

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-23

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	136	J		P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	28000			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	3230	J		P
7439-96-5	Manganese	1.9	J		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	776	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	4240	J		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	11.1	J		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-24

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	145	J		P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	58100			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	11100			P
7439-96-5	Manganese	29.3			P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	470	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	6140			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	8.1	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-25

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	102	J		P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	28000			P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	4050	J		P
7439-96-5	Manganese	1.6	J		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	388	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	3660	J		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	8.9	J		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-9

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-26

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	109	J		P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	45000			P
7440-47-3	Chromium	6.5	J		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	7640			P
7439-96-5	Manganese	0.20	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	815	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	4450	J		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	8.1	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FIELDBLANK4-14

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-27

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	11.0	U		P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	1740	U		P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	254	U		P
7439-96-5	Manganese	0.20	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	51.0	U	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	189	U		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	8.1	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RINSEBLANK

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-28

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	11.0	U		P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	1740	U		P
7440-47-3	Chromium	1.2	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	254	U		P
7439-96-5	Manganese	0.20	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	51.0	U	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	189	U		P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	8.1	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

AMW-1

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-29

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	659			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	82800			P
7440-47-3	Chromium	20.4			P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	63.7	J		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	34400			P
7439-96-5	Manganese	1.9	J		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	13.6	J		P
7440-09-7	Potassium	1060	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	13500			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	379			P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

AMW-1DUP

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-30

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	619			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	77800			P
7440-47-3	Chromium	7.0	U		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	31900			P
7439-96-5	Manganese	0.20	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	1080	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	12500			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	359			P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW In

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Lab Sample ID: S2186-31

Level (low/med): LOW Date Received: 4/15/04

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	U		P
7440-36-0	Antimony	6.6	U		P
7440-38-2	Arsenic	4.8	U		P
7440-39-3	Barium	321			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	0.99	U		P
7440-70-2	Calcium	49200			P
7440-47-3	Chromium	3.5	J		P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	0.74	U		P
7439-89-6	Iron	29.0	U		P
7439-92-1	Lead	1.8	U		P
7439-95-4	Magnesium	15100			P
7439-96-5	Manganese	0.20	U		P
7439-97-6	Mercury	0.03	U	N	CV
7440-02-0	Nickel	5.5	U		P
7440-09-7	Potassium	4460	J	N	P
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	3.4	U		P
7440-23-5	Sodium	8080			P
7440-28-0	Thallium	5.8	U		P
7440-62-2	Vanadium	1.9	U		P
7440-66-6	Zinc	10.7	J		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

7.1 METALS BLANK RESULTS

Metals

3

BLANKS

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	180.1	U	180.1	U	180.1	U	180.1	U	180.108	U	P
Antimony	6.6	U	6.6	U	6.6	U	6.6	U	6.599	U	P
Arsenic	4.8	U	4.8	U	4.8	U	4.8	U	4.845	U	P
Barium	11.0	U	11.0	U	11.0	U	11.0	U	10.994	U	P
Beryllium	1.1	U	1.1	U	1.1	U	1.1	U	1.065	U	P
Cadmium	-2.5	J	-1.7	J	-1.3	J	-2.0	J	0.994	U	P
Calcium	1744.7	U	1744.7	U	1744.7	U	1744.7	U	1744.700	U	P
Chromium	1.2	U	1.2	U	1.2	U	1.2	U	1.219	U	P
Cobalt	2.4	U	2.4	U	2.4	U	2.4	U	2.382	U	P
Copper	-6.6	J	-6.4	J	-7.8	J	-8.3	J	-3.980	J	P
Iron	29.0	U	29.0	U	29.0	U	-60.2	J	28.979	U	P
Lead	2.0	J	2.1	J	2.2	J	1.8	U	1.790	U	P
Magnesium	254.2	U	254.2	U	254.2	U	254.2	U	254.243	U	P
Manganese	-1.0	J	1.5	J	1.6	J	1.5	J	0.195	U	P
Mercury	0.03	U	-0.04	J	0.03	U	-0.04	J	0.033	U	CV
Nickel	5.5	U	5.5	U	5.5	U	5.5	U	5.548	U	P
Potassium	-566.4	J	-492.7	J	-752.1	J	-959.0	J	-314.050	J	P
Selenium	5.2	U	5.2	U	5.2	U	5.2	U	5.235	U	P
Silver	3.4	U	3.4	U	3.4	U	3.4	U	3.379	U	P
Sodium	189.5	U	460.8	J	189.5	U	-223.5	J	-708.390	J	P
Thallium	5.8	U	5.8	U	5.8	U	5.8	U	5.778	U	P
Vanadium	1.9	U	1.9	U	1.9	U	1.9	U	1.865	U	P
Zinc	-16.9	J	8.1	U	8.1	U	8.1	U	8.109	U	P

Metals

3

BLANKS

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			180.1	U	180.1	U	180.1	U			P
Antimony			6.6	U	6.6	U	7.0	J			P
Arsenic			4.8	U	4.8	U	4.8	U			P
Barium			11.0	U	11.0	U	11.0	U			P
Beryllium			1.1	U	1.1	U	1.1	U			P
Cadmium			-3.0	J	-2.8	J	2.1	J			P
Calcium			1744.7	U	1744.7	U	1744.7	U			P
Chromium			1.2	U	1.2	U	1.2	U			P
Cobalt			2.4	U	2.4	U	2.4	U			P
Copper			-9.4	J	-9.1	J	0.7	U			P
Iron			-53.2	J	29.0	U	29.0	U			P
Lead			1.8	U	1.8	U	3.0	J			P
Magnesium			254.2	U	254.2	U	254.2	U			P
Manganese			0.6	J	0.7	J	2.2	J			P
Mercury			-0.04	J	0.03	U	0.07	J			CV
Nickel			5.5	U	5.5	U	5.5	U			P
Potassium			-1051.9	J	-80.4	J	145.8	J			P
Selenium			5.2	U	5.2	U	5.2	U			P
Silver			3.4	U	-3.5	J	3.4	U			P
Sodium			189.5	U	189.5	U	-444.0	J			P
Thallium			-8.8	J	5.8	U	5.8	U			P
Vanadium			1.9	U	1.9	U	1.9	U			P
Zinc			8.1	U	8.1	U	8.1	U			P

Metals

3

BLANKS

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			180.1	U	180.1	U	180.1	U			P
Antimony			6.8	J	6.6	J	7.5	J			P
Arsenic			4.8	U	4.8	U	4.8	U			P
Barium			11.0	U	11.0	U	11.0	U			P
Beryllium			1.1	U	1.1	U	1.1	U			P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			1744.7	U	1744.7	U	1744.7	U			P
Chromium			1.2	U	1.2	U	1.2	U			P
Cobalt			2.4	U	2.4	U	2.4	U			P
Copper			-2.1	J	-3.4	J	-3.4	J			P
Iron			29.0	U	29.0	U	52.0	J			P
Lead			3.4	J	1.8	U	1.8	U			P
Magnesium			254.2	U	254.2	U	254.2	U			P
Manganese			0.6	J	1.5	J	1.2	J			P
Mercury			0.03	U							CV
Nickel			5.5	U	5.5	U	5.5	U			P
Potassium			-118.2	J	-305.5	J	-279.2	J			P
Selenium			5.2	U	5.9	J	5.2	U			P
Silver			3.4	U	3.4	U	3.4	U			P
Sodium			-469.2	J	-973.4	J	-407.2	J			P
Thallium			5.8	U	5.8	U	5.8	U			P
Vanadium			1.9	U	1.9	U	1.9	U			P
Zinc			8.1	U	8.1	U	8.1	U			P

Metals

3

BLANKS

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			180.1	U	180.1	U	180.1	U			P
Antimony			6.6	U	6.6	U	6.6	U			P
Arsenic			4.8	U	4.8	U	4.8	U			P
Barium			11.0	U	11.0	U	11.0	U			P
Beryllium			1.1	U	1.1	U	1.1	U			P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			1744.7	U	1744.7	U	1744.7	U			P
Chromium			1.2	U	1.2	U	1.2	U			P
Cobalt			2.4	U	2.4	U	2.4	U			P
Copper			-4.5	J	-4.5	J	-4.6	J			P
Iron			29.0	U	29.0	U	29.0	U			P
Lead			2.0	J	1.8	U	1.8	U			P
Magnesium			254.2	U	254.2	U	254.2	U			P
Manganese			0.8	J	0.7	J	0.5	J			P
Nickel			5.5	U	5.5	U	5.5	U			P
Potassium			51.0	U	51.0	U	51.0	U			P
Selenium			5.2	U	5.2	U	5.2	U			P
Silver			3.4	U	3.4	U	3.4	U			P
Sodium			205.0	J	189.5	U	189.5	U			P
Thallium			5.8	U	5.8	U	5.8	U			P
Vanadium			1.9	U	1.9	U	1.9	U			P
Zinc			8.1	U	8.1	U	8.1	U			P

Metals

3

BLANKS

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			180.1	U	180.1	U					P
Antimony			6.6	U	6.6	U					P
Arsenic			4.8	U	4.8	U					P
Barium			11.0	U	11.0	U					P
Beryllium			1.1	U	1.1	U					P
Cadmium			1.0	U	1.0	U					P
Calcium			1744.7	U	1744.7	U					P
Chromium			-1.4	U	-1.3	U					P
Cobalt			2.4	U	2.4	U					P
Copper			-5.6	U	-1.4	U					P
Iron			29.0	U	29.0	U					P
Lead			3.8	U	1.8	U					P
Magnesium			254.2	U	254.2	U					P
Manganese			0.5	U	0.2	U					P
Nickel			5.5	U	5.5	U					P
Potassium			-97.4	U	51.0	U					P
Selenium			5.2	U	5.2	U					P
Silver			3.4	U	3.4	U					P
Sodium			189.5	U	189.5	U					P
Thallium			5.8	U	5.8	U					P
Vanadium			1.9	U	1.9	U					P
Zinc			8.1	U	8.1	U					P

7.2 METALS QA/QC SUMMARY

7

LABORATORY CONTROL SAMPLE

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Solid LCS Source:

Aqueous LCS Source: EPA-ICV

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	2000.0	1765.83	88.3						
Antimony	800.0	719.80	90.0						
Arsenic	800.0	767.43	95.9						
Barium	2000.0	1831.28	91.6						
Beryllium	200.0	190.08	95.0						
Cadmium	200.0	201.28	100.6						
Calcium	5000.0	4830.96	96.6						
Chromium	400.0	387.90	97.0						
Cobalt	200.0	196.27	98.1						
Copper	300.0	269.79	89.9						
Iron	3000.0	2730.94	91.0						
Lead	1000.0	1002.86	100.3						
Magnesium	2000.0	1916.26	95.8						
Manganese	200.0	193.59	96.8						
Nickel	500.0	497.68	99.5						
Potassium	10000.0	8830.81	88.3						
Selenium	2000.0	1921.88	96.1						
Silver	75.0	72.93	97.2						
Sodium	3000.0	2409.32	80.3						
Thallium	2000.0	1957.78	97.9						
Vanadium	300.0	278.74	92.9						
Zinc	200.0	202.74	101.4						

9
ICP SERIAL DILUTIONS

SAMPLE NO.

MW-1L

Lab Name: Chemtech Consulting Group Contract: Tetra Tech I

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	180.11	U	900.54	U			P
Antimony	6.60	U	32.99	U			P
Arsenic	4.84	U	24.22	U			P
Barium	485.97		492.65	J	1.4		P
Beryllium	1.06	U	5.32	U			P
Cadmium	0.99	U	4.97	U			P
Calcium	166534.41		177615.09		6.7		P
Chromium	1.22	U	6.09	U			P
Cobalt	2.38	U	11.91	U			P
Copper	0.74	U	3.69	U			P
Iron	28.98	U	144.90	U			P
Lead	1.79	U	8.95	U			P
Magnesium	42479.34		44469.15		4.7		P
Manganese	1018.55		1073.70		5.4		P
Nickel	12.60	J	27.74	U	100.0		P
Potassium	2744.65	J	1804.85	J	34.2		P
Selenium	5.23	U	26.17	U			P
Silver	3.38	U	16.90	U			P
Sodium	102273.10		89138.50		12.8		P
Thallium	5.78	U	28.89	U			P
Vanadium	1.86	U	9.32	U			P
Zinc	22.33		40.54	U	100.0		P

9
ICP SERIAL DILUTIONS

SAMPLE NO.

W-2L

Lab Name: Chemtech Consulting Group Contract: Tetra Tech I

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.03	U	0.16	U			CV

CHEMTECH

7.3 METALS DUPLICATE & MATRIX SPIKE SUMMARY

Metals

5A

SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-1S

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	80 - 120	1883.3600		180.1080	U	2000.00	94.2		P
Antimony	80 - 120	763.8000		6.5990	U	800.00	95.5		P
Arsenic	80 - 120	774.0900		4.8450	U	800.00	96.8		P
Barium	80 - 120	2357.0701		485.9700		2000.00	93.6		P
Beryllium	80 - 120	188.3200		1.0650	U	200.00	94.2		P
Cadmium	80 - 120	193.0700		0.9940	U	200.00	96.5		P
Calcium		170546.9063		166534.4063		5000.00	80.2		P
Chromium	80 - 120	388.5800		1.2190	U	400.00	97.1		P
Cobalt	80 - 120	187.4500		2.3820	U	200.00	93.7		P
Copper	80 - 120	265.5900		0.7390	U	300.00	88.5		P
Iron	80 - 120	2767.7800		28.9790	U	3000.00	92.3		P
Lead	80 - 120	959.5000		1.7900	U	1000.00	96.0		P
Magnesium		44030.3398		42479.3398		2000.00	77.6		P
Manganese		1206.6801		1018.5500		200.00	94.1		P
Nickel	80 - 120	487.1000		12.6000	J	500.00	94.9		P
Potassium	80 - 120	15439.5303		2744.6499	J	10000.00	126.9	N	P
Selenium	80 - 120	1956.7400		5.2350	U	2000.00	97.8		P
Silver	80 - 120	69.7700		3.3790	U	75.00	93.0		P
Sodium		106471.7031		102273.1016		3000.00	140.0		P
Thallium	80 - 120	1890.6400		5.7780	U	2000.00	94.5		P
Vanadium	80 - 120	275.9700		1.8650	U	300.00	92.0		P
Zinc	80 - 120	204.6600		22.3300		200.00	91.2		P

Comments:

Metals

5A

SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-1SD

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	80 - 120	1890.5200		180.1080	U	2000.00	94.5		P
Antimony	80 - 120	767.5300		6.5990	U	800.00	95.9		P
Arsenic	80 - 120	778.9000		4.8450	U	800.00	97.4		P
Barium	80 - 120	2361.9299		485.9700		2000.00	93.8		P
Beryllium	80 - 120	188.7700		1.0650	U	200.00	94.4		P
Cadmium	80 - 120	193.6700		0.9940	U	200.00	96.8		P
Calcium		170891.9063		166534.4063		5000.00	87.2		P
Chromium	80 - 120	389.8900		1.2190	U	400.00	97.5		P
Cobalt	80 - 120	188.4700		2.3820	U	200.00	94.2		P
Copper	80 - 120	267.5700		0.7390	U	300.00	89.2		P
Iron	80 - 120	2780.3000		28.9790	U	3000.00	92.7		P
Lead	80 - 120	961.3300		1.7900	U	1000.00	96.1		P
Magnesium		44139.3906		42479.3398		2000.00	83.0		P
Manganese		1209.6100		1018.5500		200.00	95.5		P
Nickel	80 - 120	490.1900		12.6000	J	500.00	95.5		P
Potassium	80 - 120	15482.9805		2744.6499	J	10000.00	127.4	N	P
Selenium	80 - 120	1964.6300		5.2350	U	2000.00	98.2		P
Silver	80 - 120	70.7500		3.3790	U	75.00	94.3		P
Sodium		106565.6016		102273.1016		3000.00	143.1		P
Thallium	80 - 120	1889.7700		5.7780	U	2000.00	94.5		P
Vanadium	80 - 120	276.8200		1.8650	U	300.00	92.3		P
Zinc	80 - 120	204.3900		22.3300		200.00	91.0		P

Comments:

Metals

5A

SPIKE SAMPLE RECOVERY

SAMPLE NO.

W-2S

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	80 - 120	4.1600		0.0330	U	4.00	104.0		CV

Comments:

Metals

5A

SPIKE SAMPLE RECOVERY

SAMPLE NO.

W-2SD

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	80 - 120	4.8900		0.0330	U	4.00	122.2	N	CV

Comments:

Metals

5B

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-1A

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Potassium		15381.33		2744.65	J	8500.0	148.7		P

Comments:

Metals

5B

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

W-2A

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Mercury		3.94		0.03	U	4.0	98.5		CV

Comments:

6

DUPLICATES

SAMPLE NO.

MW-1D

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		180.1080	U	180.1080	U			P
Antimony		6.5990	U	6.5990	U			P
Arsenic		4.8450	U	4.8450	U			P
Barium	200.0	485.9700		488.6400		0.5		P
Beryllium		1.0650	U	1.0650	U			P
Cadmium		0.9940	U	0.9940	U			P
Calcium		166534.4063		167175.4063		0.4		P
Chromium		1.2190	U	1.2190	U			P
Cobalt		2.3820	U	2.4700	J	200.0		P
Copper		0.7390	U	0.7390	U			P
Iron		28.9790	U	28.9790	U			P
Lead		1.7900	U	1.7900	U			P
Magnesium		42479.3398		42265.6914		0.5		P
Manganese		1018.5500		1022.7100		0.4		P
Nickel		12.6000	J	13.4500	J	6.5		P
Potassium		2744.6499	J	2924.0200	J	6.3		P
Selenium		5.2350	U	5.2350	U			P
Silver		3.3790	U	3.3790	U			P
Sodium		102273.1016		102820.2969		0.5		P
Thallium		5.7780	U	5.7780	U			P
Vanadium		1.8650	U	1.8650	U			P
Zinc	20.0	22.3300		22.9900		2.9		P

Metals

6

DUPLICATES

SAMPLE NO.

MW-1SD

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1883.3600		1890.5200		0.4		P
Antimony		763.8000		767.5300		0.5		P
Arsenic		774.0900		778.9000		0.6		P
Barium		2357.0701		2361.9299		0.2		P
Beryllium		188.3200		188.7700		0.2		P
Cadmium		193.0700		193.6700		0.3		P
Calcium		170546.9063		170891.9063		0.2		P
Chromium		388.5800		389.8900		0.3		P
Cobalt		187.4500		188.4700		0.5		P
Copper		265.5900		267.5700		0.7		P
Iron		2767.7800		2780.3000		0.5		P
Lead		959.5000		961.3300		0.2		P
Magnesium		44030.3398		44139.3906		0.2		P
Manganese		1206.6801		1209.6100		0.2		P
Nickel		487.1000		490.1900		0.6		P
Potassium		15439.5303		15482.9805		0.3		P
Selenium		1956.7400		1964.6300		0.4		P
Silver		69.7700		70.7500		1.4		P
Sodium		106471.7031		106565.6016		0.1		P
Thallium		1890.6400		1889.7700		0.0		P
Vanadium		275.9700		276.8200		0.3		P
Zinc		204.6600		204.3900		0.1		P

6
DUPLICATES

SAMPLE NO.

W-2D

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		0.0330	U	0.0330	U			CV

6

DUPLICATES

SAMPLE NO.

W-2SD

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		4.1600		4.8900		16.1		CV

7.4 METALS CALIBRATIONS SUMMARY

Metals

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Initial Calibration Source: EPA-ICV

Continuing Calibration Source: EPA-LV

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	2482.0	2648.71	106.7	10000.0	9865.99	98.7	9979.39	99.8	P
Antimony	992.0	987.55	99.6	5000.0	4908.18	98.2	4987.03	99.7	P
Arsenic	996.0	987.03	99.1	5000.0	4986.44	99.7	5155.78	103.1	P
Barium	502.0	509.33	101.5	10000.0	9928.69	99.3	9916.34	99.2	P
Beryllium	493.0	489.60	99.3	250.0	247.24	98.9	252.42	101.0	P
Cadmium	494.0	503.84	102.0	2500.0	2499.12	100.0	2613.55	104.5	P
Calcium	10180.0	10048.38	98.7	25000.0	24607.45	98.4	25522.25	102.1	P
Chromium	490.0	493.41	100.7	1000.0	975.44	97.5	999.79	100.0	P
Cobalt	496.0	491.66	99.1	2500.0	2441.42	97.7	2513.28	100.5	P
Copper	490.0	474.65	96.9	1250.0	1199.56	96.0	1184.80	94.8	P
Iron	5107.0	4773.78	93.5	5000.0	4943.16	98.9	5015.82	100.3	P
Lead	996.0	1009.55	101.4	5000.0	4976.18	99.5	5183.52	103.7	P
Magnesium	6003.0	6026.42	100.4	25000.0	24650.82	98.6	26250.22	105.0	P
Manganese	495.0	501.36	101.3	2500.0	2442.84	97.7	2477.82	99.1	P
Mercury	4.1	3.83	93.4	5.0	4.95	99.0	4.89	97.8	CV
Nickel	492.0	502.63	102.2	2500.0	2471.78	98.9	2559.10	102.4	P
Potassium	10008.0	10855.94	108.5	25000.0	24182.32	96.7	24837.08	99.3	P
Selenium	1005.0	1019.22	101.4	5000.0	5040.17	100.8	5186.48	103.7	P
Silver	495.0	502.24	101.5	1250.0	1244.93	99.6	1260.21	100.8	P
Sodium	10039.0	10636.02	105.9	25000.0	22966.89	91.9	24156.47	96.6	P
Thallium	1027.0	1068.58	104.0	5000.0	5085.60	101.7	5256.71	105.1	P
Vanadium	501.0	497.46	99.3	2500.0	2413.61	96.5	2444.51	97.8	P
Zinc	1000.0	1010.59	101.1	2500.0	2463.38	98.5	2507.29	100.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Initial Calibration Source: EPA-ICV

Continuing Calibration Source: EPA-LV

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10303.10	103.0	10336.12	103.4	P
Antimony				5000.0	5113.29	102.3	5111.41	102.2	P
Arsenic				5000.0	5345.60	106.9	5319.68	106.4	P
Barium				10000.0	10151.64	101.5	10166.58	101.7	P
Beryllium				250.0	258.76	103.5	257.87	103.1	P
Cadmium				2500.0	2713.80	108.6	2708.29	108.3	P
Calcium				25000.0	26348.90	105.4	26363.41	105.5	P
Chromium				1000.0	1026.94	102.7	1028.57	102.9	P
Cobalt				2500.0	2579.03	103.2	2582.94	103.3	P
Copper				1250.0	1199.46	96.0	1201.09	96.1	P
Iron				5000.0	5071.84	101.4	4949.92	99.0	P
Lead				5000.0	5371.09	107.4	5371.43	107.4	P
Magnesium				25000.0	27399.11	109.6	27369.04	109.5	P
Manganese				2500.0	2528.61	101.1	2528.89	101.2	P
Mercury				5.0	4.79	95.8	4.87	97.4	CV
Nickel				2500.0	2643.12	105.7	2643.59	105.7	P
Potassium				25000.0	25991.84	104.0	26211.20	104.8	P
Selenium				5000.0	5373.01	107.5	5351.23	107.0	P
Silver				1250.0	1295.68	103.7	1292.83	103.4	P
Sodium				25000.0	25513.43	102.1	26028.54	104.1	P
Thallium				5000.0	5485.12	109.7	5460.93	109.2	P
Vanadium				2500.0	2482.47	99.3	2485.06	99.4	P
Zinc				2500.0	2566.62	102.7	2563.32	102.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Initial Calibration Source: EPA-ICV

Continuing Calibration Source: EPA-LV

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10310.62	103.1	9786.85	97.9	P
Antimony				5000.0	5117.43	102.3	4967.58	99.4	P
Arsenic				5000.0	5324.64	106.5	4908.59	98.2	P
Barium				10000.0	10164.43	101.6	9963.01	99.6	P
Beryllium				250.0	257.52	103.0	248.25	99.3	P
Cadmium				2500.0	2702.51	108.1	2434.76	97.4	P
Calcium				25000.0	26309.59	105.2	24262.79	97.1	P
Chromium				1000.0	1025.83	102.6	975.67	97.6	P
Cobalt				2500.0	2576.47	103.1	2425.36	97.0	P
Copper				1250.0	1199.01	95.9	1242.92	99.4	P
Iron				5000.0	4954.30	99.1	4985.81	99.7	P
Lead				5000.0	5380.40	107.6	4919.78	98.4	P
Magnesium				25000.0	27285.76	109.1	23897.67	95.6	P
Manganese				2500.0	2525.48	101.0	2474.09	99.0	P
Mercury				5.0	4.87	97.4	5.00	100.0	CV
Nickel				2500.0	2633.61	105.3	2438.30	97.5	P
Potassium				25000.0	26245.61	105.0	23538.03	94.2	P
Selenium				5000.0	5362.24	107.2	4993.32	99.9	P
Silver				1250.0	1293.18	103.5	1244.69	99.6	P
Sodium				25000.0	26459.40	105.8	22701.75	90.8	P
Thallium				5000.0	5478.92	109.6	4887.13	97.7	P
Vanadium				2500.0	2479.43	99.2	2442.70	97.7	P
Zinc				2500.0	2560.48	102.4	2467.82	98.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Initial Calibration Source: EPA-ICV

Continuing Calibration Source: EPA-LV

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	9911.34	99.1	10441.71	104.4	P
Antimony				5000.0	5033.56	100.7	5175.79	103.5	P
Arsenic				5000.0	5049.83	101.0	5271.10	105.4	P
Barium				10000.0	9748.34	97.5	9851.56	98.5	P
Beryllium				250.0	252.07	100.8	261.25	104.5	P
Cadmium				2500.0	2557.93	102.3	2717.28	108.7	P
Calcium				25000.0	25201.25	100.8	26888.45	107.6	P
Chromium				1000.0	1007.10	100.7	1054.01	105.4	P
Cobalt				2500.0	2525.71	101.0	2661.08	106.4	P
Copper				1250.0	1235.65	98.9	1246.94	99.8	P
Iron				5000.0	5058.83	101.2	5305.90	106.1	P
Lead				5000.0	5125.11	102.5	5484.26	109.7	P
Magnesium				25000.0	25501.80	102.0	26752.33	107.0	P
Manganese				2500.0	2518.30	100.7	2627.17	105.1	P
Mercury				5.0	4.89	97.8			CV
Nickel				2500.0	2538.84	101.6	2684.26	107.4	P
Potassium				25000.0	23886.20	95.5	25708.45	102.8	P
Selenium				5000.0	5099.80	102.0	5352.18	107.0	P
Silver				1250.0	1242.95	99.4	1270.20	101.6	P
Sodium				25000.0	23448.47	93.8	25586.95	102.3	P
Thallium				5000.0	5031.32	100.6	5309.92	106.2	P
Vanadium				2500.0	2495.14	99.8	2585.66	103.4	P
Zinc				2500.0	2544.80	101.8	2630.85	105.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Initial Calibration Source: EPA-ICV

Continuing Calibration Source: EPA-LV

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10186.19	101.9	10186.96	101.9	P
Antimony				5000.0	5081.69	101.6	5111.95	102.2	P
Arsenic				5000.0	5152.64	103.1	5185.34	103.7	P
Barium				10000.0	9650.20	96.5	9713.32	97.1	P
Beryllium				250.0	255.43	102.2	255.66	102.3	P
Cadmium				2500.0	2644.38	105.8	2656.95	106.3	P
Calcium				25000.0	26010.51	104.0	26045.16	104.2	P
Chromium				1000.0	1026.88	102.7	1026.52	102.7	P
Cobalt				2500.0	2583.84	103.4	2582.89	103.3	P
Copper				1250.0	1223.05	97.8	1223.04	97.8	P
Iron				5000.0	5220.74	104.4	5117.91	102.4	P
Lead				5000.0	5332.56	106.7	5340.79	106.8	P
Magnesium				25000.0	25852.11	103.4	25974.33	103.9	P
Manganese				2500.0	2559.87	102.4	2552.32	102.1	P
Nickel				2500.0	2615.62	104.6	2619.30	104.8	P
Potassium				25000.0	24709.71	98.8	24960.70	99.8	P
Selenium				5000.0	5222.78	104.5	5258.74	105.2	P
Silver				1250.0	1247.33	99.8	1258.46	100.7	P
Sodium				25000.0	24228.06	96.9	24716.85	98.9	P
Thallium				5000.0	5181.87	103.6	5218.02	104.4	P
Vanadium				2500.0	2515.88	100.6	2513.43	100.5	P
Zinc				2500.0	2577.42	103.1	2584.85	103.4	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Initial Calibration Source: EPA-ICV

Continuing Calibration Source: EPA-LV

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10063.30	100.6	10114.72	101.1	P
Antimony				5000.0	5052.16	101.0	5084.83	101.7	P
Arsenic				5000.0	5163.33	103.3	5207.11	104.1	P
Barium				10000.0	9684.10	96.8	9757.69	97.6	P
Beryllium				250.0	254.45	101.8	255.56	102.2	P
Cadmium				2500.0	2651.09	106.0	2671.39	106.9	P
Calcium				25000.0	25963.42	103.9	26093.07	104.4	P
Chromium				1000.0	1019.84	102.0	1022.71	102.3	P
Cobalt				2500.0	2564.95	102.6	2573.77	103.0	P
Copper				1250.0	1209.08	96.7	1208.88	96.7	P
Iron				5000.0	5063.78	101.3	5028.66	100.6	P
Lead				5000.0	5290.27	105.8	5319.00	106.4	P
Magnesium				25000.0	25861.94	103.4	26035.53	104.1	P
Manganese				2500.0	2531.14	101.2	2533.46	101.3	P
Nickel				2500.0	2612.31	104.5	2623.68	104.9	P
Potassium				25000.0	24786.50	99.1	24997.37	100.0	P
Selenium				5000.0	5194.39	103.9	5255.64	105.1	P
Silver				1250.0	1252.68	100.2	1263.66	101.1	P
Sodium				25000.0	24542.17	98.2	24845.89	99.4	P
Thallium				5000.0	5234.13	104.7	5302.69	106.1	P
Vanadium				2500.0	2496.85	99.9	2495.76	99.8	P
Zinc				2500.0	2564.22	102.6	2574.18	103.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Initial Calibration Source: EPA-ICV

Continuing Calibration Source: EPA-LV

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10164.57	101.6	10140.19	101.4	P
Antimony				5000.0	5104.74	102.1	5085.02	101.7	P
Arsenic				5000.0	5267.39	105.3	5267.64	105.4	P
Barium				10000.0	9864.64	98.6	9869.91	98.7	P
Beryllium				250.0	256.80	102.7	255.83	102.3	P
Cadmium				2500.0	2696.04	107.8	2694.57	107.8	P
Calcium				25000.0	26288.21	105.2	26205.97	104.8	P
Chromium				1000.0	1025.65	102.6	1020.67	102.1	P
Cobalt				2500.0	2582.69	103.3	2569.45	102.8	P
Copper				1250.0	1207.19	96.6	1196.79	95.7	P
Iron				5000.0	5007.71	100.2	4936.13	98.7	P
Lead				5000.0	5353.97	107.1	5345.84	106.9	P
Magnesium				25000.0	26236.56	104.9	26246.58	105.0	P
Manganese				2500.0	2535.12	101.4	2517.49	100.7	P
Nickel				2500.0	2637.78	105.5	2630.19	105.2	P
Potassium				25000.0	25313.86	101.3	25353.32	101.4	P
Selenium				5000.0	5292.69	105.9	5302.72	106.1	P
Silver				1250.0	1276.38	102.1	1276.05	102.1	P
Sodium				25000.0	25376.66	101.5	25573.78	102.3	P
Thallium				5000.0	5391.18	107.8	5434.59	108.7	P
Vanadium				2500.0	2498.29	99.9	2473.12	98.9	P
Zinc				2500.0	2580.66	103.2	2570.54	102.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Metals

2B-IN

CRDL STANDARD FOR AA AND ICP

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

AA CRDL Standard Source: INOR-VEN

ICP CRDL Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	True	Found	%R	CRDL Standard for ICP Initial True	Initial Found	Initial %R	Final Found	Final %R
Antimony				120.0	126.06	105.0		
Arsenic				20.0	19.40	97.0		
Beryllium				10.0	10.38	103.8		
Cadmium				10.0	8.08	80.8		
Chromium				20.0	22.85	114.2		
Cobalt				100.0	101.05	101.0		
Copper				50.0	42.96	85.9		
Lead				6.0	7.07	117.8		
Manganese				30.0	30.83	102.8		
Mercury	0.2	0.15	75.0					
Nickel				80.0	83.12	103.9		
Selenium				10.0	9.63	96.3		
Silver				20.0	18.65	93.2		
Thallium				20.0	15.26	76.3		
Vanadium				100.0	99.54	99.5		
Zinc				40.0	43.04	107.6		

Control Limits: no limits have been established by EPA at this time

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: Date: 12/23/03

Flame AA ID Number: CV2

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRQL (ug/L)	MDL (ug/L)	M
Mercury	253.70		0.20	0.03	CV

Comments:

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 Date: 1/24/04

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRQL (ug/L)	MDL (ug/L)	M
Aluminum	308.22		200	180.1	P
Antimony	206.83		60	6.6	P
Arsenic	189.04		10	4.8	P
Barium	493.41		200	11.0	P
Beryllium	313.04		5	1.1	P
Cadmium	226.50		5	1.0	P
Calcium	317.93		5000	1744.7	P
Chromium	267.72		10	1.2	P
Cobalt	228.62		50	2.4	P
Copper	324.75		25	0.7	P
Iron	271.44		100	29.0	P
Lead	220.35		5	1.8	P
Magnesium	279.08		5000	254.2	P
Manganese	257.61		15	0.2	P
Nickel	231.60		40	5.5	P
Potassium	766.49		5000	51.0	P
Selenium	196.02		10	5.2	P
Silver	328.07		10	3.4	P
Sodium	330.23		5000	189.5	P
Thallium	190.86		10	5.8	P
Vanadium	292.40		50	1.9	P
Zinc	206.2		20	8.1	P

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 Date: 1/31/04

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0031000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	-0.0004000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0005100
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0129000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 Date: 1/31/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	Ba	Be	Cd	Co
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0001000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0002000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0022000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 Date: 1/31/04

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	K	Mn	Na
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000700	0.0000000	0.0002000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0002000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 Date: 1/31/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: Ni	Pb	Sb	Se	Tl
Aluminum	308.20	0.0000000	0.0005300	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0037800	0.0000000	0.0000000
Cobalt	228.60	0.0002000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0001000	0.0002000	0.0000500	0.0000600	-0.0000400
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0001200	0.0000000	0.0004200	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000890	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	-0.0000500	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 Date: 1/31/04

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn	Th		
Aluminum	308.20	0.0000000	0.0000000	0.0000000		
Antimony	206.80	0.0000000	0.0000000	0.0000000		
Arsenic	189.00	0.0000000	0.0000000	0.0000000		
Barium	493.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.00	0.0000000	0.0000000	0.0000000		
Cadmium	226.50	0.0000000	0.0000000	0.0000000		
Calcium	317.90	0.0000000	0.0000000	0.0000000		
Chromium	267.70	-0.0018200	0.0000000	0.0000000		
Cobalt	228.60	0.0000000	0.0000000	0.0000000		
Copper	324.70	0.0000000	0.0006000	0.0000000		
Iron	271.40	-0.0000400	0.0006000	0.0000000		
Lead	220.40	0.0000000	0.0000000	0.0000000		
Magnesium	279.00	0.0000000	0.0000000	0.0000000		
Manganese	257.60	0.0000000	0.0000000	0.0000000		
Nickel	231.60	0.0000000	0.0000000	0.0000000		
Potassium	766.50	0.0000000	0.0000000	0.0000000		
Selenium	196.00	0.0000000	0.0000000	0.0000000		
Silver	328.00	0.0000000	0.0000000	0.0000000		
Sodium	588.90	0.0000000	0.0000000	0.0000000		
Thallium	190.90	0.0000000	0.0000000	0.0000000		
Vanadium	292.40	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

12

ICP LINEAR RANGES (QUARTERLY)

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 Date: 4/12/04

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	10.00	650000.0	P
Antimony	10.00	25000.0	P
Arsenic	10.00	20000.0	P
Barium	10.00	40000.0	P
Beryllium	10.00	25000.0	P
Cadmium	10.00	25000.0	P
Calcium	10.00	600000.0	P
Chromium	10.00	100000.0	P
Cobalt	10.00	40000.0	P
Copper	10.00	35000.0	P
Iron	10.00	1000000.0	P
Lead	10.00	100000.0	P
Magnesium	10.00	700000.0	P
Manganese	10.00	40000.0	P
Nickel	10.00	80000.0	P
Potassium	10.00	125000.0	P
Selenium	10.00	40000.0	P
Silver	10.00	100000.0	P
Sodium	10.00	2000000.0	P
Thallium	10.00	50000.0	P
Vanadium	10.00	60000.0	P
Zinc	10.00	25000.0	P

Comments:

7.5 METALS MISCELLANEOUS DATA

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

ICP ID Number: P1 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	519000	514000	516084	450094.0	87.6			
Antimony	0	518	0	512.9	99.0			
Arsenic	0	102	0	84.1	82.5			
Barium	0	456	-4	447.8	98.2			
Beryllium	0	458	0	402.7	87.9			
Cadmium	0	910	-1	786.2	86.4			
Calcium	491900	489000	450486	398001.3	81.4			
Chromium	20	455	23	396.7	87.2			
Cobalt	0	430	-2	379.4	88.2			
Copper	0	506	-4	408.3	80.7			
Iron	195000	194600	181231	158224.9	81.3			
Lead	0	49	-2	40.7	83.1			
Magnesium	542000	540600	522644	454764.6	84.1			
Manganese	0	438	-15	386.6	88.3			
Nickel	0	846	-4	747.5	88.4			
Potassium	0	0	-300	-319.1				
Selenium	0	47	3	49.7	105.7			
Silver	0	196	-10	171.4	87.4			
Sodium	0	0	-173	502.2				
Thallium	0	89	-11	76.0	85.4			
Vanadium	0	452	-4	399.2	88.3			
Zinc	0	958	-1	842.0	87.9			

13

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Method: CV

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
AMW-1	4/21/04	40.0	40.0
AMW-1DUP	4/21/04	40.0	40.0
FIELDBLANK4-13	4/21/04	40.0	40.0
FIELDBLANK4-14	4/21/04	40.0	40.0
MW-1	4/21/04	40.0	40.0
MW-10	4/21/04	40.0	40.0
MW-11	4/21/04	40.0	40.0
MW-12	4/21/04	40.0	40.0
MW-5	4/21/04	40.0	40.0
MW-6	4/21/04	40.0	40.0
MW-7	4/21/04	40.0	40.0
MW-8	4/21/04	40.0	40.0
MW-8DUP	4/21/04	40.0	40.0
MW-9	4/21/04	40.0	40.0
PB13811BL	4/21/04	40.0	40.0
RINSEBLANK	4/21/04	40.0	40.0
W-2D	4/21/04	40.0	40.0
W-2S	4/21/04	40.0	40.0
W-2SD	4/21/04	40.0	40.0

13

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Method: P

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
AMW-1	4/21/04	100.0	100.0
AMW-1DUP	4/21/04	100.0	100.0
FIELDBLANK4-13	4/21/04	100.0	100.0
FIELDBLANK4-14	4/21/04	100.0	100.0
MW-1	4/21/04	100.0	100.0
MW-10	4/21/04	100.0	100.0
MW-11	4/21/04	100.0	100.0
MW-12	4/21/04	100.0	100.0
MW-1D	4/21/04	100.0	100.0
MW-1S	4/21/04	100.0	100.0
MW-1SD	4/21/04	100.0	100.0
MW-5	4/21/04	100.0	100.0
MW-6	4/21/04	100.0	100.0
MW-7	4/21/04	100.0	100.0
MW-8	4/21/04	100.0	100.0
MW-8DUP	4/21/04	100.0	100.0
MW-9	4/21/04	100.0	100.0
PB13815BL	4/21/04	100.0	100.0
PB13815BS	4/21/04	100.0	100.0
RINSEBLANK	4/21/04	100.0	100.0

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: CV2 Method: CV Run Number: 042604C

Start Date: 4/26/04 End Date: 4/26/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
Std01Rep1	1.00	1312																X									
Std02Rep1	1.00	1314																X									
Std03Rep1	1.00	1316																X									
Std04Rep1	1.00	1318																X									
Std05Rep1	1.00	1321																X									
Std06Rep1	1.00	1323																X									
ICV01	1.00	1325																X									
ICB01	1.00	1328																X									
CCV01	1.00	1330																X									
CCB01	1.00	1332																X									
CRI01	1.00	1335																X									
ZZZZZZ	1.00	1337																									
ZZZZZZ	1.00	1339																									
ZZZZZZ	1.00	1342																									
PB13811BL	1.00	1344																X									
ZZZZZZ	1.00	1346																									
ZZZZZZ	1.00	1349																									
ZZZZZZ	1.00	1351																									
ZZZZZZ	1.00	1354																									
ZZZZZZ	1.00	1357																									
CCV02	1.00	1359																X									
CCB02	1.00	1402																X									
ZZZZZZ	5.00	1405																									
ZZZZZZ	1.00	1408																									
ZZZZZZ	1.00	1410																									
ZZZZZZ	1.00	1412																									
ZZZZZZ	1.00	1415																									
ZZZZZZ	1.00	1417																									
ZZZZZZ	1.00	1419																									
ZZZZZZ	1.00	1422																									
ZZZZZZ	1.00	1425																									
W-2D	1.00	1427																X									
CCV03	1.00	1429																X									
CCB03	1.00	1432																X									
W-2S	1.00	1434																X									
W-2SD	1.00	1437																X									

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: CV2 Method: CV Run Number: 042604C

Start Date: 4/26/04 End Date: 4/26/04

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
W-2L	5.00	1439																X									
W-2A	1.00	1442																X									
ZZZZZZ	1.00	1444																									
ZZZZZZ	1.00	1446																									
ZZZZZZ	1.00	1449																									
ZZZZZZ	1.00	1451																									
ZZZZZZ	1.00	1454																									
ZZZZZZ	1.00	1457																									
CCV04	1.00	1500																X									
CCB04	1.00	1502																X									
ZZZZZZ	1.00	1506																									
ZZZZZZ	1.00	1508																									
ZZZZZZ	1.00	1511																									
ZZZZZZ	1.00	1513																									
ZZZZZZ	1.00	1515																									
ZZZZZZ	1.00	1518																									
ZZZZZZ	1.00	1520																									
ZZZZZZ	1.00	1523																									
ZZZZZZ	1.00	1525																									
MW-1	1.00	1528																X									
CCV05	1.00	1530																X									
CCB05	1.00	1532																X									
MW-7	1.00	1534																X									
FIELDBLANK4-13	1.00	1537																X									
MW-8	1.00	1539																X									
MW-5	1.00	1541																X									
MW-8DUP	1.00	1544																X									
MW-11	1.00	1546																X									
MW-12	1.00	1549																X									
MW-10	1.00	1551																X									
MW-9	1.00	1554																X									
FIELDBLANK4-14	1.00	1556																X									
CCV06	1.00	1559																X									
CCB06	1.00	1602																X									
RINSEBLANK	1.00	1604																X									
AMW-1	1.00	1607																X									

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: CV2 Method: CV Run Number: 042604C

Start Date: 4/26/04 End Date: 4/26/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
AMW-1DUP	1.00	1610																X									
MW-6	1.00	1612																X									
CCV07	1.00	1615																X									
CCB07	1.00	1617																X									

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: P1 Method: P Run Number: P104224

Start Date: 4/22/04 End Date: 4/22/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1039		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S1	1.00	1041		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S2	1.00	1043		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S	1.00	1046		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
HMS	1.00	1048		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
HS	1.00	1052		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV01	1.00	1101		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB01	1.00	1107		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI01	1.00	1116			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICS-A01	1.00	1122		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB01	1.00	1124		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1128																									
CCV01	1.00	1130		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB01	1.00	1132		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1144																									
ZZZZZZ	1.00	1146																									
ZZZZZZ	1.00	1149																									
ZZZZZZ	1.00	1151																									
ZZZZZZ	1.00	1154																									
ZZZZZZ	1.00	1158																									
ZZZZZZ	1.00	1200																									
ZZZZZZ	1.00	1205																									
ZZZZZZ	1.00	1207																									
ZZZZZZ	1.00	1209																									
CCV02	1.00	1211		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB02	1.00	1213		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1218																									
ZZZZZZ	1.00	1220																									
ZZZZZZ	1.00	1222																									
ZZZZZZ	1.00	1224																									
ZZZZZZ	1.00	1226																									
ZZZZZZ	5.00	1229																									
ZZZZZZ	1.00	1231																									
ZZZZZZ	1.00	1233																									
ZZZZZZ	1.00	1235																									
ZZZZZZ	1.00	1237																									

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: P1 Method: P Run Number: P104224

Start Date: 4/22/04 End Date: 4/22/04

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV03	1.00	1243		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB03	1.00	1245		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1251																									
ZZZZZZ	1.00	1254																									
ZZZZZZ	1.00	1256																									
ZZZZZZ	1.00	1258																									
ZZZZZZ	1.00	1259																									
ZZZZZZ	1.00	1301																									
ZZZZZZ	1.00	1303																									
ZZZZZZ	1.00	1305																									
ZZZZZZ	1.00	1307																									
ZZZZZZ	1.00	1309																									
CCV04	1.00	1310		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB04	1.00	1315		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1317																									
ZZZZZZ	1.00	1319																									
ZZZZZZ	1.00	1321																									
ZZZZZZ	1.00	1324																									
ZZZZZZ	5.00	1326																									
ZZZZZZ	1.00	1328																									
ZZZZZZ	1.00	1330																									
ZZZZZZ	1.00	1332																									
ZZZZZZ	1.00	1334																									
CCV05	1.00	1341		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB05	1.00	1343		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1345																									
ZZZZZZ	1.00	1347																									
ZZZZZZ	1.00	1349																									
ZZZZZZ	5.00	1351																									
ZZZZZZ	1.00	1401																									
ZZZZZZ	1.00	1403																									
ZZZZZZ	1.00	1405																									
ZZZZZZ	1.00	1407																									
ZZZZZZ	1.00	1409																									
ZZZZZZ	1.00	1411																									
CCV06	1.00	1415		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: P1 Method: P Run Number: P104224

Start Date: 4/22/04 End Date: 4/22/04

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB06	1.00	1417		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1424																									
ZZZZZZ	1.00	1426																									
ZZZZZZ	1.00	1428																									
ZZZZZZ	1.00	1430																									
ZZZZZZ	1.00	1433																									
ZZZZZZ	1.00	1436																									
ZZZZZZ	1.00	1438																									
ZZZZZZ	1.00	1440																									
ZZZZZZ	1.00	1442																									
ZZZZZZ	1.00	1445																									
CCV07	1.00	1447		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB07	1.00	1451		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1453																									
ZZZZZZ	1.00	1455																									
ZZZZZZ	5.00	1457																									
ZZZZZZ	1.00	1459																									
ZZZZZZ	1.00	1501																									
ZZZZZZ	1.00	1503																									
ZZZZZZ	1.00	1505																									
ZZZZZZ	1.00	1507																									
ZZZZZZ	1.00	1509																									
ZZZZZZ	1.00	1511																									
CCV08	1.00	1513		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB08	1.00	1516		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1520																									
ZZZZZZ	1.00	1522																									
ZZZZZZ	1.00	1524																									
ZZZZZZ	1.00	1525																									
ZZZZZZ	1.00	1527																									
ZZZZZZ	1.00	1529																									
ZZZZZZ	1.00	1531																									
ZZZZZZ	1.00	1533																									
ZZZZZZ	1.00	1535																									
ZZZZZZ	1.00	1537																									
CCV09	1.00	1539		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: P1 Method: P Run Number: P104224

Start Date: 4/22/04 End Date: 4/22/04

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB09	1.00	1541		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1546																									
ZZZZZZ	10.00	1548																									
ZZZZZZ	10.00	1550																									
ZZZZZZ	10.00	1552																									
ZZZZZZ	10.00	1554																									
ZZZZZZ	1.00	1557																									
PB13815BL	1.00	1600		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1603																									
PB13815BS	1.00	1605		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1609																									
CCV10	1.00	1611		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB10	1.00	1616		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1618																									
ZZZZZZ	1.00	1620																									
ZZZZZZ	5.00	1622																									
ZZZZZZ	1.00	1624																									
ZZZZZZ	1.00	1626																									
ZZZZZZ	1.00	1628																									
ZZZZZZ	1.00	1631																									
ZZZZZZ	1.00	1632																									
ZZZZZZ	1.00	1635																									
ZZZZZZ	1.00	1637																									
CCV11	1.00	1640		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB11	1.00	1642		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1645																									
ZZZZZZ	1.00	1647																									
ZZZZZZ	1.00	1649																									
ZZZZZZ	1.00	1653																									
ZZZZZZ	1.00	1655																									
ZZZZZZ	1.00	1657																									
ZZZZZZ	1.00	1659																									
ZZZZZZ	1.00	1701																									
ZZZZZZ	1.00	1703																									
ZZZZZZ	1.00	1706																									
CCV12	1.00	1708		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

Metals
14
ANALYSIS RUN LOG

Client: Tetra Tech FW Inc.. Contract: Tetra Tech FW Inc..

Lab Code: CHEMED Case No.: S2186 SAS No.: S2186 SDG No.: S2186

Instrument ID Number: P1 Method: P Run Number: P104224

Start Date: 4/22/04 End Date: 4/22/04

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB12	1.00	1710		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-1	1.00	1712		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-1D	1.00	1714		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-1L	5.00	1716		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-1S	1.00	1721		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-1SD	1.00	1723		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-1A	1.00	1725																		X							
MW-7	1.00	1728		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
FIELDBLANK4-13	1.00	1733		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-8	1.00	1735		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-5	1.00	1737		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV13	1.00	1739		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB13	1.00	1741		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-8DUP	1.00	1743		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-11	1.00	1745		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-12	1.00	1748		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-10	1.00	1750		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-9	1.00	1752		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
FIELDBLANK4-14	1.00	1753		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
RINSEBLANK	1.00	1755		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AMW-1	1.00	1757		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AMW-1DUP	1.00	1759		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-6	1.00	1801		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV14	1.00	1804		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB14	1.00	1809		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

CHEMTECH

METALS
RAW DATA

Method: 6010B Standard: S0
Run Time: 04/22/04 10:39:29

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	.00153	-.00487	.07467	.01120	.01653	.08700	.01320
SDev	.00764	.00519	.00207	.00283	.00057	.01707	.00132
%RSD	498.05	106.55	2.7779	25.254	3.4215	19.615	9.9995
#1	-.00387	-.00853	.07320	.01320	.01693	.09907	.01413
#2	.00693	-.00120	.07613	.00920	.01613	.07493	.01227

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	.00587	.00547	.02753	.00487	.01427	.00947	.01360
SDev	.00019	.00075	.00085	.00123	.00170	.00132	.00547
%RSD	3.2141	13.797	3.0818	25.185	11.895	13.943	40.208
#1	.00600	.00600	.02813	.00573	.01547	.01040	.01747
#2	.00573	.00493	.02693	.00400	.01307	.00853	.00973

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	.01033	.37313	.00113	.05100	-.38560	.00840	.02547
SDev	.00141	.03554	.00009	.00952	.01263	.00679	.01037
%RSD	13.686	9.5258	8.3189	18.671	3.2764	80.812	40.723
#1	.01133	.39827	.00120	.05773	-.37667	.01320	.01813
#2	.00933	.34800	.00107	.04427	-.39453	.00360	.03280

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	.22060	.09920	.01653	.04127	.04180	.04187	.01267
SDev	.03875	.04639	.01754	.01047	.00915	.01075	.00415
%RSD	17.565	46.760	106.07	25.360	21.879	25.672	32.750
#1	.24800	.13200	.02893	.04867	.04827	.04947	.01560
#2	.19320	.06640	.00413	.03387	.03533	.03427	.00973

Elem	Sn1899	Si2881
Avge	.04880	.07620
SDev	.00189	.00311
%RSD	3.8640	4.0830
#1	.04747	.07400
#2	.05013	.07840

04/22/04

Method: 6010B Standard: S1
Run Time: 04/22/04 10:41:57

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	7.7429	3.4375	1.3305	9.5244	1.5244	37.787	5.0293
SDev	.0104	.0138	.0005	.0006	.0008	.028	.0043
%RSD	.13394	.40044	.03544	.00594	.04948	.07410	.08624
#1	7.7356	3.4277	1.3301	9.5248	1.5249	37.767	5.0324
#2	7.7503	3.4472	1.3308	9.5240	1.5239	37.807	5.0263

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	2.3891	3.4958	1.0627	.20080	5.0579	4.2961	11.445
SDev	.0052	.0020	.0062	.00132	.0042	.0789	.000
%RSD	.21705	.05664	.58556	.65734	.08387	1.8369	.00247
#1	2.3928	3.4972	1.0671	.20173	5.0609	4.3519	11.445
#2	2.3855	3.4944	1.0583	.19987	5.0549	4.2403	11.445

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	1.5161	2.3714	.99960	2.9550	1.4947	5.0048	8.6806
SDev	.0013	.0555	.01395	.0054	.0286	.0168	.2458
%RSD	.08706	2.3417	1.3959	.18186	1.9112	.33532	2.8315
#1	1.5171	2.4107	1.0095	2.9588	1.5149	5.0167	8.5068
#2	1.5152	2.3321	.98973	2.9512	1.4745	4.9929	8.8544

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	31.080	19.076	7.3230	6.3684	12.889	3.7749	11.201
SDev	.053	.462	.0135	.2038	.055	.0469	.006
%RSD	.16988	2.4213	.18411	3.2007	.42644	1.2413	.05135
#1	31.117	18.749	7.3135	6.2243	12.850	3.7417	11.205
#2	31.042	19.402	7.3325	6.5125	12.928	3.8080	11.197

Elem	Sn1899	Si2881
Avge	11.490	1.6102
SDev	.001	.0044
%RSD	.01067	.27520
#1	11.491	1.6133
#2	11.489	1.6071

CL 4/22/04

Method: 6010B Standard: S2
Run Time: 04/22/04 10:43:55

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	16.202	7.1773	2.7031	19.653	3.1652	78.580	10.412
SDev	.226	.0635	.0337	.248	.0388	.988	.128
%RSD	1.3919	.88536	1.2452	1.2617	1.2272	1.2578	1.2306
#1	16.043	7.1324	2.6793	19.477	3.1377	77.882	10.321
#2	16.362	7.2223	2.7269	19.828	3.1927	79.279	10.503

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	4.9534	7.2559	2.1927	.41280	10.425	8.8881	23.716
SDev	.0584	.0933	.0252	.00415	.125	.1124	.324
%RSD	1.1782	1.2864	1.1480	1.0049	1.1965	1.2644	1.3663
#1	4.9121	7.1899	2.1749	.40987	10.337	8.8087	23.487
#2	4.9947	7.3219	2.2105	.41573	10.513	8.9676	23.945

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	3.1726	4.7573	2.0598	6.0617	3.9192	10.283	18.094
SDev	.0374	.1025	.0223	.0724	.0507	.127	.213
%RSD	1.1798	2.1542	1.0848	1.1945	1.2942	1.2351	1.1792
#1	3.1461	4.6848	2.0440	6.0105	3.8833	10.193	17.943
#2	3.1991	4.8297	2.0756	6.1129	3.9551	10.372	18.244

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	64.965	40.352	15.327	13.546	27.109	8.0330	23.394
SDev	.883	.436	.209	.180	.388	.1343	.272
%RSD	1.3587	1.0802	1.3625	1.3259	1.4329	1.6725	1.1635
#1	64.341	40.043	15.179	13.419	26.834	7.9380	23.201
#2	65.590	40.660	15.474	13.673	27.383	8.1280	23.586

Elem	Sn1899	Si2881
Avge	24.065	3.2817
SDev	.326	.0418
%RSD	1.3528	1.2727
#1	23.835	3.2521
#2	24.295	3.3112

04 4 12 04

Method: 6010B Standard: S
Run Time: 04/22/04 10:46:01

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	31.038	13.716	5.2052	37.004	6.0359	149.69	19.842
SDev	.133	.112	.0251	.141	.0323	.92	.115
%RSD	.42830	.81452	.48180	.38193	.53577	.61587	.57732
#1	30.944	13.637	5.1875	36.904	6.0131	149.04	19.761
#2	31.132	13.795	5.2229	37.103	6.0588	150.34	19.923

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	9.4451	13.851	4.1977	.78513	19.720	17.155	45.144
SDev	.0532	.082	.0113	.00330	.101	.113	.261
%RSD	.56299	.59492	.26952	.42029	.51158	.65674	.57871
#1	9.4075	13.793	4.1897	.78280	19.648	17.076	44.959
#2	9.4827	13.909	4.2057	.78747	19.791	17.235	45.328

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	6.1170	9.5436	3.9371	11.386	8.9916	19.899	34.783
SDev	.0297	.0609	.0174	.065	.0343	.018	.372
%RSD	.48551	.63819	.44301	.56721	.38166	.08813	1.0701
#1	6.0960	9.5005	3.9248	11.340	8.9673	19.911	34.519
#2	6.1380	9.5867	3.9495	11.432	9.0159	19.886	35.046

Elem	2203-1	2203-2	1960-1	1960-2	Mo2020	B_2496	Ti3349
Avge	124.68	76.713	29.602	25.961	51.803	15.500	44.574
SDev	.17	.925	.068	.317	.422	.149	.196
%RSD	.13816	1.2058	.23059	1.2221	.81499	.96044	.44016
#1	124.55	76.059	29.554	25.736	51.505	15.395	44.436
#2	124.80	77.367	29.651	26.185	52.102	15.605	44.713

Elem	Sn1899	Si2881
Avge	45.929	6.1570
SDev	.321	.0391
%RSD	.69815	.63548
#1	45.702	6.1293
#2	46.156	6.1847

DH 4/22/04

Analysis Report QC Standard 04/22/04 10:51:59 AM page 1

Method: 6010B Sample Name: HMS Operator: DR
Run Time: 04/22/04 10:48:29
Comment: HMS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.078	10.079	10.110	10.178	10.043	20.385	19.785
SDev	.017	.004	.028	.034	.044	.041	.065
%RSD	.16707	.03488	.27347	.33080	.43813	.20150	.32988
#1	10.090	10.077	10.129	10.202	10.074	20.414	19.831
#2	10.066	10.082	10.090	10.154	10.012	20.356	19.739

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50232	5.0130	49.967	2.0009	5.0087	2.5153	10.001
SDev	.00062	.0017	.067	.0035	.0078	.0036	.037
%RSD	.12357	.03382	.13477	.17728	.15619	.14240	.36989
#1	.50276	5.0118	50.015	2.0034	5.0142	2.5178	10.027
#2	.50188	5.0142	49.920	1.9984	5.0031	2.5127	9.9744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9690	50.551	4.9972	2.5302	48.564	4.9954	4.9510
SDev	.0082	.032	.0050	.0042	.023	.0079	.0057
%RSD	.16599	.06342	.09987	.16691	.04675	.15749	.11572
#1	4.9748	50.574	5.0008	2.5332	48.580	5.0010	4.9551
#2	4.9631	50.528	4.9937	2.5273	48.548	4.9898	4.9469

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.149	10.021	10.086	10.075	10.125	10.098	10.216
SDev	.092	.052	.028	.053	.015	.057	.022
%RSD	.18077	.51645	.28242	.52604	.15084	.56443	.21695
#1	51.214	10.057	10.106	10.112	10.136	10.138	10.232
#2	51.083	9.9840	10.066	10.037	10.114	10.058	10.201

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.110	10.261	10.012	10.075	10.059
SDev	.015	.014	.014	.001	.014
%RSD	.14585	.13551	.13578	.00542	.13434
#1	10.120	10.271	10.021	10.075	10.068
#2	10.100	10.251	10.002	10.075	10.049

DR 4/22/04

Method: 6010B Sample Name: HMS/100 Operator: DR
Run Time: 04/22/04 10:52:28
Comment: HMS/100
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11703	.12026	.11322	.12672	.12324	.18131	.22976
SDev	.00156	.00000	.00465	.01140	.00813	.00002	.00614
%RSD	1.3309	.00255	4.1056	8.9960	6.5969	.00859	2.6705
#1	.11813	.12026	.11651	.13478	.12899	.18130	.23409
#2	.11593	.12026	.10994	.11866	.11749	.18132	.22542

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00552	.05944	.57922	.02243	.05673	.02192	.09492
SDev	.00001	.00252	.00233	.00006	.00020	.00101	.01199
%RSD	.21992	4.2445	.40230	.26365	.35364	4.5903	12.632
#1	.00551	.06122	.58087	.02248	.05659	.02263	.10339
#2	.00553	.05765	.57758	.02239	.05687	.02121	.08644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05686	.54695	.05751	.02627	-.94793	.05401	.04479
SDev	.00012	.00788	.00011	.00050	.12485	.00164	.00199
%RSD	.20455	1.4406	.19524	1.9139	13.171	3.0393	4.4371
#1	.05694	.54138	.05759	.02663	L-1.0362	.05285	.04619
#2	.05678	.55252	.05743	.02592	-.85965	.05517	.04338

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10089	.12001	.12651	.10880	.11353	.12572	.12562
SDev	.03214	.00604	.01231	.00544	.00411	.00940	.01240
%RSD	31.857	5.0349	9.7318	4.9977	3.6229	7.4729	9.8715
#1	-.12362	.12428	.13522	.11265	.11644	.13236	.13439
#2	-.07816	.11574	.11781	.10496	.11063	.11908	.11686

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.13991	.19060	.11061	.12193	.16053
SDev	.02088	.05184	.00025	.00950	.03857
%RSD	14.922	27.197	.22550	7.7889	24.025
#1	.15467	.22726	.11079	.12864	.18780
#2	.12515	.15395	.11044	.11521	.13326

04/22/04

Analysis Report QC Standard 04/22/04 11:03:24 AM page 1

Method: 6010B Sample Name: ICV Operator: DR
Run Time: 04/22/04 11:01:18
Comment: ICV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98704	1.0686	1.0096	1.0192	.98756	2.6487	.50934
SDev	.00357	.0079	.0002	.0043	.00244	.0132	.00030
%RSD	.36146	.74153	.02424	.42284	.24743	.49824	.05821
#1	.98451	1.0630	1.0094	1.0223	.98929	2.6394	.50913
#2	.98956	1.0742	1.0097	1.0162	.98583	2.6580	.50955

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48960	.50385	10.048	.49341	.49166	.47466	4.7738
SDev	.00093	.00184	.030	.00196	.00197	.00168	.0371
%RSD	.19050	.36432	.29915	.39727	.40108	.35386	.77653
#1	.48894	.50255	10.027	.49202	.49027	.47347	4.7476
#2	.49026	.50514	10.070	.49480	.49306	.47584	4.8000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50136	6.0264	.50264	.50225	10.636	.49746	1.0106
SDev	.00123	.0223	.00318	.00231	.541	.00212	.0008
%RSD	.24625	.36969	.63277	.46044	5.0875	.42544	.08333
#1	.50049	6.0107	.50039	.50061	10.253	.49597	1.0100
#2	.50224	6.0422	.50489	.50389	11.019	.49896	1.0112

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.856	.98755	.98437	.99978	1.0126	1.0185	1.0180
SDev	.061	.00079	.00891	.00269	.0010	.0025	.0077
%RSD	.55856	.07971	.90562	.26923	.09648	.24862	.75890
#1	10.813	.98699	.99068	.99788	1.0133	1.0167	1.0234
#2	10.899	.98811	.97807	1.0017	1.0120	1.0203	1.0125

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.0302	5.0203	5.0337	5.0312	5.0358
SDev	.0149	.0143	.0149	.0163	.0243
%RSD	.29522	.28481	.29528	.32369	.48239
#1	5.0197	5.0102	5.0232	5.0197	5.0186
#2	5.0407	5.0304	5.0443	5.0427	5.0530

CK 4/22/04

Method: 6010B Sample Name: ICB Operator: DR
Run Time: 04/22/04 11:07:05
Comment: ICB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	-.00325	.00197	-.00066	.00287	-.01966	-.00411
SDev	.00006	.00887	.00016	.00090	.00157	.00438	.00010
%RSD	6.3542	273.44	8.0320	137.34	54.746	22.289	2.4096
#1	.00090	.00303	.00208	-.00002	.00399	-.02276	-.00404
#2	.00098	-.00952	.00185	-.00129	.00176	-.01656	-.00418

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00253	-.00686	-.00050	-.00181	-.00660	-.00416
SDev	.00002	.00002	.00117	.00016	.00084	.00006	.00001
%RSD	66.041	.97817	16.976	31.393	46.053	.83886	.12076
#1	.00005	-.00251	-.00604	-.00039	-.00122	-.00664	-.00417
#2	.00002	-.00255	-.00769	-.00061	-.00241	-.00656	-.00416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	-.01251	-.00019	-.00295	-.07436	-.00136	-.01691
SDev	.00012	.00245	.00045	.00100	.51263	.00035	.00032
%RSD	12.036	19.551	237.77	33.710	689.43	25.971	1.9187
#1	-.00089	-.01078	.00013	-.00225	.28813	-.00111	-.01668
#2	-.00105	-.01424	-.00051	-.00366	-.43684	-.00161	-.01714

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.56640	.00300	-.00059	.00170	.00040	.01077	-.00796
SDev	.05209	.00328	.00184	.00097	.00039	.00675	.00202
%RSD	9.1967	109.21	314.53	56.837	97.945	62.638	25.381
#1	-.52957	.00532	-.00189	.00239	.00012	.01555	-.00939
#2	-.60323	.00068	.00072	.00102	.00067	.00600	-.00653

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00541	-.01523	-.00188	-.00422	.00496
SDev	.00050	.00006	.00042	.00140	.00015
%RSD	9.2992	.40044	22.080	33.132	3.0632
#1	-.00506	-.01519	-.00159	-.00323	.00506
#2	-.00577	-.01527	-.00218	-.00520	.00485

DR 4/22/04

Analysis Report QC Standard 04/22/04 11:17:50 AM page 1

Method: 6010B Sample Name: CRI Operator: DR
Run Time: 04/22/04 11:16:00
Comment: CRI
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01940	.01527	.00708	.00963	.12607	.34490	.43419
SDev	.00090	.00217	.00071	.00022	.00023	.00269	.00035
%RSD	4.6320	14.227	10.013	2.2819	.18068	.78080	.07982
#1	.02004	.01681	.00658	.00979	.12591	.34680	.43395
#2	.01877	Q.01373	Q.00758	.00948	.12623	.34299	.43444

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01039	.00808	10.710	.02285	.10105	.04296	.16457
SDev	.00003	.00021	.022	.00008	.00050	.00022	.01796
%RSD	.28590	2.6078	.20887	.34387	.49615	.51736	10.915
#1	.01037	.00793	10.694	.02291	.10070	.04280	.17727
#2	.01041	.00823	10.726	.02280	.10141	.04312	.15187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03084	10.584	.08313	.01865	8.9826	.09955	.04305
SDev	.00014	.033	.00062	.00008	.0065	.00082	.00020
%RSD	.45321	.30804	.75107	.45230	.07182	.82393	.46353
#1	.03074	10.561	.08268	.01871	8.9780	.09897	.04319
#2	.03094	10.607	.08357	.01859	8.9871	.10013	.04291

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.4855	.12607	.12286	.00635	.00564	.01503	.00534
SDev	.0393	.00141	.00213	.00145	.00034	.00224	.00079
%RSD	.46367	1.1158	1.7364	22.882	5.9702	14.905	14.771
#1	8.4577	.12507	.12437	.00533	.00540	.01661	.00478
#2	8.5134	.12706	.12136	.00738	.00588	.01345	.00590

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.20958	.18978	.20706	.19611	.23010
SDev	.00061	.00311	.00033	.00117	.00030
%RSD	.29172	1.6389	.16061	.59887	.13197
#1	.21001	.18759	.20682	.19694	.22989
#2	.20914	.19198	.20729	.19528	.23032

04/22/04

Analysis Report QC Standard 04/22/04 11:24:00 AM page 1

Method: 6010B Sample Name: ICSA Operator: DR
Run Time: 04/22/04 11:22:09
Comment: ICSA
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	-.01092	-.00204	.00307	.00035	516.08	-.00403
SDev	.00277	.00109	.00267	.00136	.00119	.07	.00018
%RSD	805.46	9.9509	130.96	44.204	337.14	.01368	4.5712
#1	-.00230	-.01015	-.00393	.00211	-.00049	516.13	-.00416
#2	.00161	-.01168	-.00015	.00403	.00119	516.03	-.00390

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00135	450.49	.02276	-.00165	-.00371	181.23
SDev	.00000	.00011	.41	.00063	.00094	.00072	1.37
%RSD	.38272	8.1926	.09083	2.7606	56.811	19.531	.75616
#1	.00004	-.00143	450.20	.02232	-.00231	-.00422	180.26
#2	.00004	-.00127	450.78	.02321	-.00099	-.00320	182.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01491	522.64	-.00395	-.01035	-.17331	-.00418	-.00139
SDev	.00005	1.21	.00051	.00082	.34192	.00006	.00013
%RSD	.31115	.23066	12.861	7.9126	197.29	1.4663	9.3424
#1	-.01495	521.79	-.00359	-.01093	-.41509	-.00414	-.00148
#2	-.01488	523.50	-.00431	-.00977	.06846	-.00423	-.00130

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.29995	-.00370	.00526	.18253	-.09629	.04141	-.01787
SDev	.01441	.00194	.00746	.00008	.00391	.00360	.00383
%RSD	4.8035	52.615	141.85	.04624	4.0597	8.6930	21.462
#1	-.31013	-.00232	-.00002	.18259	-.09905	.04396	-.02058
#2	-.28976	-.00507	.01053	.18247	-.09352	.03887	-.01516

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01498	-.01351	-.01426	-.00354	.02514
SDev	.00115	.00116	.00025	.00130	.00471
%RSD	7.6845	8.5800	1.7494	36.567	18.722
#1	-.01416	-.01269	-.01443	-.00446	.02181
#2	-.01579	-.01432	-.01408	-.00263	.02847

DL 4/22/04

Analysis Report QC Standard 04/22/04 11:27:54 AM page 1

Method: 6010B Sample Name: ICSAB Operator: DR
Run Time: 04/22/04 11:24:48
Comment: ICSAB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08414	.07600	.04072	.04966	.51291	450.09	.44783
SDev	.00030	.00250	.00195	.00169	.00293	.68	.00039
%RSD	.35929	3.2851	4.7934	3.4009	.57135	.15206	.08790
#1	.08392	.07776	.03934	.05086	.51499	449.61	.44755
#2	.08435	.07423	.04210	.04847	.51084	450.58	.44811

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40266	.78617	398.00	.39670	.37941	.40832	158.22
SDev	.00045	.00272	.61	.00033	.00044	.00015	.22
%RSD	.11137	.34566	.15269	.08401	.11473	.03676	.14007
#1	.40234	.78425	397.57	.39647	.37972	.40842	158.07
#2	.40298	.78809	398.43	.39694	.37911	.40821	158.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38665	454.76	.74746	.17142	.50218	.39925	.84206
SDev	.00035	.66	.00316	.00078	.25408	.00024	.00044
%RSD	.09032	.14476	.42227	.45822	50.596	.06113	.05166
#1	.38640	454.30	.74523	.17198	.32252	.39908	.84236
#2	.38690	455.23	.74969	.17087	.68185	.39942	.84175

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.31915	.51141	.51272	.19561	-.03841	.07739	.03412
SDev	.02383	.00610	.00342	.00326	.00455	.00419	.00030
%RSD	7.4663	1.1932	.66753	1.6653	11.852	5.4088	.88260
#1	-.33600	.51573	.51030	.19792	-.04163	.08035	.03434
#2	-.30230	.50710	.51514	.19331	-.03519	.07443	.03391

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.01383	-.01385	-.01224	-.00465	.02214
SDev	.00011	.00189	.00015	.00006	.00562
%RSD	.78003	13.650	1.1883	1.3074	25.380
#1	-.01391	-.01519	-.01235	-.00469	.01816
#2	-.01376	-.01251	-.01214	-.00460	.02611

04/22/04

Analysis Report QC Standard 04/22/04 11:29:58 AM page 1

Method: 6010B Sample Name: CCC Operator: DR
Run Time: 04/22/04 11:28:09
Comment: CCC
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9857	3.9842	3.9766	4.0407	4.0827	8.2978	7.9953
SDev	.0244	.0228	.0345	.0284	.0317	.0082	.0158
%RSD	.61335	.57340	.86719	.70263	.77683	.09824	.19742
#1	3.9684	3.9680	3.9522	4.0206	4.0602	8.2920	7.9841
#2	4.0030	4.0003	4.0010	4.0608	4.1051	8.3036	8.0064

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19786	1.9962	20.071	.77956	1.9447	.95953	4.0907
SDev	.00085	.0112	.076	.00414	.0098	.00196	.0036
%RSD	.43075	.56011	.37849	.53050	.50533	.20436	.08796
#1	.19726	1.9883	20.017	.77663	1.9378	.95814	4.0882
#2	.19846	2.0041	20.124	.78248	1.9517	.96091	4.0933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9539	20.003	1.9689	1.0154	19.023	1.9288	1.9746
SDev	.0079	.093	.0108	.0022	.060	.0065	.0079
%RSD	.40501	.46317	.54967	.21469	.31736	.33487	.40239
#1	1.9483	19.938	1.9612	1.0139	18.980	1.9242	1.9689
#2	1.9595	20.069	1.9765	1.0170	19.066	1.9333	1.9802

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.389	4.1091	4.0265	3.9686	3.9784	4.0434	4.0377
SDev	.052	.0377	.0197	.0327	.0356	.0310	.0270
%RSD	.26824	.91736	.49015	.82458	.89598	.76625	.66762
#1	19.353	4.0825	4.0125	3.9455	3.9532	4.0214	4.0186
#2	19.426	4.1358	4.0404	3.9918	4.0036	4.0653	4.0568

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	3.9344	3.9665	3.8472	3.8436	4.1655
SDev	.0182	.0211	.0134	.0249	.0140
%RSD	.46208	.53199	.34956	.64852	.33536
#1	3.9215	3.9516	3.8377	3.8260	4.1556
#2	3.9472	3.9814	3.8567	3.8612	4.1754

pi 4/22/04

Analysis Report QC Standard 04/22/04 11:32:12 AM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 11:30:24
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9864	5.0856	4.9762	5.0402	4.9082	9.8660	9.9287
SDev	.0089	.0031	.0069	.0124	.0214	.0267	.0324
%RSD	.17901	.06080	.13883	.24700	.43595	.27098	.32593
#1	4.9928	5.0878	4.9811	5.0490	4.9233	9.8849	9.9516
#2	4.9801	5.0834	4.9713	5.0314	4.8931	9.8471	9.9058

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24724	2.4991	24.607	.97545	2.4414	1.1996	4.9432
SDev	.00034	.0016	.042	.00059	.0033	.0009	.0000
%RSD	.13533	.06471	.16950	.06026	.13554	.07465	.00053
#1	.24748	2.5003	24.637	.97586	2.4438	1.2002	4.9432
#2	.24700	2.4980	24.578	.97503	2.4391	1.1989	4.9432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4428	24.651	2.4718	1.2449	22.967	2.4136	2.4634
SDev	.0047	.024	.0048	.0022	.160	.0019	.0028
%RSD	.19056	.09590	.19326	.17818	.69792	.07781	.11540
#1	2.4461	24.668	2.4752	1.2465	23.080	2.4149	2.4654
#2	2.4396	24.634	2.4684	1.2434	22.854	2.4123	2.4614

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.182	4.9369	4.8475	4.9643	4.9801	5.0299	5.0436
SDev	.029	.0342	.0042	.0292	.0042	.0302	.0035
%RSD	.11916	.69266	.08745	.58861	.08495	.59968	.06866
#1	24.203	4.9610	4.8445	4.9850	4.9771	5.0512	5.0460
#2	24.162	4.9127	4.8505	4.9436	4.9831	5.0086	5.0411

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9897	5.0155	4.8634	4.8990	5.2222
SDev	.0085	.0053	.0082	.0019	.0158
%RSD	.17046	.10579	.16796	.03926	.30239
#1	4.9957	5.0193	4.8692	4.9004	5.2334
#2	4.9837	5.0118	4.8576	4.8977	5.2110

JL 4/22/04

Analysis Report QC Standard 04/22/04 11:41:02 AM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 11:32:43
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.00441	.00212	-.00039	.00252	.00933	-.00243
SDev	.00039	.00129	.00076	.00200	.00340	.03367	.00148
%RSD	40.794	29.350	35.798	510.81	134.97	360.94	61.135
#1	.00124	.00349	.00265	.00102	.00011	.03314	-.00138
#2	.00068	.00532	.00158	-.00180	.00493	-.01448	-.00348

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00172	.02362	.00036	-.00035	-.00640	-.00797
SDev	.00005	.00060	.02284	.00141	.00184	.00045	.03200
%RSD	123.19	34.600	96.684	392.25	526.97	7.0384	401.52
#1	.00007	-.00130	.03977	.00136	.00095	-.00608	.01466
#2	.00000	-.00214	.00747	-.00064	-.00165	-.00672	-.03060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	.02669	-.00067	-.00201	.46078	.00014	-.00040
SDev	.00042	.02798	.00063	.00158	.42182	.00082	.00056
%RSD	28.328	104.87	95.045	78.845	91.545	596.44	139.53
#1	.00177	.04647	-.00022	-.00089	.75905	.00072	-.00001
#2	.00118	.00690	-.00111	-.00313	.16251	-.00045	-.00079

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.49273	.00194	.00048	.00416	-.00070	.00191	-.00314
SDev	.08534	.00376	.00269	.00104	.00062	.00088	.00344
%RSD	17.320	193.63	559.84	25.078	87.729	46.262	109.55
#1	-.43239	-.00072	-.00142	.00490	-.00027	.00128	-.00071
#2	-.55308	.00459	.00239	.00343	-.00114	.00253	-.00557

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00459	-.01113	-.00088	-.00503	.00710
SDev	.00124	.00134	.00075	.00332	.00865
%RSD	27.044	12.051	84.709	65.979	121.83
#1	-.00371	-.01018	-.00035	-.00268	.01322
#2	-.00547	-.01208	-.00141	-.00738	.00098

DL 416 4th

Analysis Report QC Standard 04/22/04 11:46:23 AM page 1

Method: 6010B Sample Name: PB13516BL Operator: DR
Run Time: 04/22/04 11:44:34
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00086	-.00019	-.00376	-.00331	-.02275	-.00470
SDev	.00006	.00224	.00220	.00141	.00083	.00586	.00015
%RSD	29.495	258.99	1180.5	37.531	25.075	25.772	3.1549
#1	-.00025	.00245	.00137	-.00276	-.00272	-.02690	-.00481
#2	-.00016	-.00072	-.00174	-.00476	-.00390	-.01861	-.00460

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00256	-.00423	-.00051	-.00066	-.00802	-.02798
SDev	.00001	.00039	.00023	.00033	.00114	.00106	.01107
%RSD	36.349	15.105	5.5126	64.896	173.24	13.249	39.569
#1	-.00005	-.00283	-.00439	-.00075	-.00146	-.00877	-.03581
#2	-.00003	-.00228	-.00406	-.00028	.00015	-.00727	-.02015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	-.00578	-.00154	-.00340	.29375	-.00078	-.00113
SDev	.00009	.00000	.00064	.00077	.41090	.00070	.00024
%RSD	10.883	.00000	41.794	22.679	139.88	90.777	21.087
#1	.00079	-.00578	-.00200	-.00394	.00319	-.00127	-.00130
#2	.00092	-.00578	-.00109	-.00285	.58430	-.00028	-.00097

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.57776	-.00541	-.00230	.00096	-.00256	-.00182	-.00633
SDev	.06262	.00103	.00042	.00137	.00261	.00136	.00144
%RSD	10.838	19.082	18.398	141.97	102.05	74.475	22.749
#1	-.62204	-.00468	-.00200	.00193	-.00071	-.00086	-.00531
#2	-.53348	-.00614	-.00260	-.00000	-.00441	-.00278	-.00735

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00581	-.01700	-.00215	-.00548	-.00073
SDev	.00085	.00000	.00025	.00087	.00000
%RSD	14.550	.00000	11.616	15.898	.00000
#1	-.00641	-.01700	-.00232	-.00609	-.00073
#2	-.00521	-.01700	-.00197	-.00486	-.00073

OK 4/26/04

Analysis Report QC Standard 04/22/04 11:48:26 AM page 1

Method: 6010B Sample Name: PB13515BL Operator: DR
Run Time: 04/22/04 11:46:31
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	-.00220	-.00075	-.00060	-.00111	-.02535	-.00498
SDev	.00015	.00237	.00036	.00303	.00477	.00366	.00005
%RSD	81.369	108.04	47.911	506.04	430.45	14.447	.99525
#1	-.00008	-.00052	-.00049	.00154	-.00448	-.02794	-.00502
#2	-.00029	-.00388	-.00100	-.00274	.00226	-.02276	-.00495

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00277	-.00653	-.00036	-.00170	-.00778	-.01665
SDev	.00001	.00023	.00023	.00016	.00053	.00050	.00985
%RSD	17.045	8.3577	3.5663	43.466	31.521	6.4637	59.170
#1	-.00005	-.00261	-.00637	-.00047	-.00207	-.00743	-.00969
#2	-.00004	-.00294	-.00670	-.00025	-.00132	-.00814	-.02362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	-.00751	-.00040	-.00331	.15759	-.00144	-.00142
SDev	.00002	.00082	.00087	.00026	.13399	.00023	.00008
%RSD	3.0050	10.850	218.07	7.9668	85.022	16.292	5.7960
#1	.00079	-.00809	-.00101	-.00350	.25234	-.00161	-.00148
#2	.00075	-.00694	.00022	-.00312	.06285	-.00127	-.00136

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.58677	.00101	-.00856	.00411	-.00497	.00563	-.00531
SDev	.03657	.00703	.00024	.00028	.00068	.00432	.00238
%RSD	6.2330	692.51	2.8255	6.8302	13.625	76.767	44.918
#1	-.61264	-.00395	-.00873	.00391	-.00449	.00869	-.00362
#2	-.56091	.00598	-.00839	.00431	-.00545	.00257	-.00699

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00647	-.01721	-.00226	-.00850	.00667
SDev	.00049	.00043	.00012	.00166	.00167
%RSD	7.5044	2.4800	5.5063	19.539	25.023
#1	-.00613	-.01691	-.00218	-.00967	.00549
#2	-.00681	-.01752	-.00235	-.00732	.00786

CR 4/22/04

Analysis Report QC Standard 04/22/04 11:51:18 AM page 1

Method: 6010B Sample Name: PB13516BS Operator: DR
Run Time: 04/22/04 11:49:32
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79248	2.0604	1.0235	2.0130	.81892	1.9477	.20447
SDev	.00156	.0266	.0042	.0042	.00169	.0044	.00069
%RSD	.19698	1.2889	.40551	.21047	.20690	.22642	.33877
#1	.79137	2.0416	1.0206	2.0100	.82012	1.9445	.20398
#2	.79358	2.0792	1.0265	2.0160	.81773	1.9508	.20496

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20099	.20666	1.0241	.40496	.19984	.28375	2.9698
SDev	.00099	.00111	.0037	.00210	.00124	.00078	.0074
%RSD	.49201	.53555	.36406	.51795	.61876	.27602	.24783
#1	.20029	.20587	1.0215	.40348	.19896	.28320	2.9646
#2	.20169	.20744	1.0267	.40644	.20071	.28430	2.9750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20424	2.0044	.51508	.07419	2.6050	.29353	.22201
SDev	.00109	.0079	.00266	.00023	.3569	.00165	.00100
%RSD	.53556	.39311	.51632	.31316	13.702	.56085	.45114
#1	.20347	1.9988	.51320	.07403	Q2.3526	.29236	.22130
#2	.20502	2.0099	.51696	.07435	2.8574	.29469	.22272

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.6554	.82536	.80283	1.0163	1.0252	2.0004	2.0177
SDev	.0087	.00048	.00413	.0015	.0070	.0032	.0078
%RSD	.10070	.05776	.51483	.14790	.68019	.16247	.38822
#1	8.6493	.82570	.80576	1.0173	1.0202	2.0027	2.0121
#2	8.6616	.82502	.79991	1.0152	1.0301	1.9981	2.0232

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.39922	.27638	.19599	.70933	Q1.1486
SDev	.00110	.00360	.00106	.00397	.0056
%RSD	.27476	1.3019	.54087	.55951	.48911
#1	.39845	.27384	.19524	.70653	Q1.1447
#2	.40000	.27892	.19674	.71214	Q1.1526

04/14/04

Analysis Report QC Standard 04/22/04 11:53:19 AM page 1

Method: 6010B Sample Name: PB13515BS Operator: DR
Run Time: 04/22/04 11:51:31
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.79650	2.0704	1.0321	2.0273	.82096	1.9464	.20471
SDev	.00413	.0026	.0030	.0004	.00412	.0048	.00054
%RSD	.51890	.12764	.29316	.02068	.50196	.24449	.26582
#1	.79943	2.0723	1.0300	2.0270	.81805	1.9497	.20510
#2	.79358	2.0685	1.0342	2.0276	.82388	1.9430	.20433

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20155	.20695	1.0264	.40643	.20106	.28407	2.9628
SDev	.00028	.00030	.0009	.00006	.00017	.00067	.0123
%RSD	.13628	.14661	.09081	.01450	.08306	.23625	.41538
#1	.20174	.20674	1.0271	.40639	.20095	.28454	2.9715
#2	.20136	.20717	1.0257	.40647	.20118	.28359	2.9541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20464	2.0178	.51868	.07465	2.5987	.29419	.22261
SDev	.00021	.0003	.00082	.00057	.2042	.00047	.00048
%RSD	.10230	.01346	.15783	.76243	7.8594	.15962	.21586
#1	.20479	2.0176	.51810	.07424	2.7431	.29452	.22295
#2	.20449	2.0180	.51926	.07505	Q2.4543	.29386	.22227

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.6789	.82472	.81023	1.0226	1.0348	2.0152	2.0315
SDev	.0162	.00258	.00721	.0026	.0059	.0003	.0008
%RSD	.18719	.31246	.89033	.25846	.56588	.01256	.03715
#1	8.6674	.82290	.80513	1.0245	1.0307	2.0154	2.0310
#2	8.6904	.82655	.81533	1.0208	1.0390	2.0150	2.0321

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.40041	.28112	.19605	.71354	Q1.1444
SDev	.00029	.00104	.00027	.00024	.0006
%RSD	.07186	.36880	.13783	.03405	.05307
#1	.40020	.28039	.19624	.71337	Q1.1440
#2	.40061	.28186	.19586	.71371	Q1.1449

04/22/04

Analysis Report 04/22/04 11:58:08 AM page 1

Method: 6010B Sample Name: S2032-07 Operator: DR
Run Time: 04/22/04 11:54:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00719	-.00009	.00237	.00018	-.01732	.00356
SDev	.00039	.00671	.00185	.00491	.00374	.00550	.00015
%RSD	710.59	93.315	2037.5	207.49	2039.1	31.741	4.1720
#1	.00022	.01193	.00122	.00584	.00282	-.01343	.00366
#2	-.00033	.00244	-.00140	-.00111	-.00246	-.02120	.00345

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00285	.48349	.00082	-.00082	-.00518	-.03757
SDev	.00005	.00033	.00256	.00069	.00023	.00028	.00984
%RSD	98.673	11.584	.53014	83.932	28.460	5.4104	26.179
#1	.00009	-.00262	.48168	.00130	-.00066	-.00498	-.03062
#2	.00002	-.00309	.48530	.00033	-.00099	-.00538	-.04453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.43014	-.00099	-.00335	2.8585	.00006	.02023
SDev	.00005	.00190	.00093	.00100	.2020	.00094	.00040
%RSD	3.9331	.44216	93.864	29.865	7.0658	1708.7	2.0000
#1	.00122	.42879	-.00033	-.00264	2.7157	.00072	.01994
#2	.00115	.43148	-.00165	-.00405	3.0013	-.00061	.02051

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.52643	.00101	-.00468	.00448	-.00417	.00826	-.00218
SDev	.05098	.00328	.00466	.00050	.00252	.00325	.00574
%RSD	9.6844	323.96	99.517	11.196	60.421	39.338	263.87
#1	-.49038	.00333	-.00139	.00483	-.00239	.01056	.00188
#2	-.56248	-.00131	-.00797	.00412	-.00595	.00596	-.00623

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00655	-.00014	-.00160	-.01027	4.6072
SDev	.00095	.00018	.00006	.00000	.0513
%RSD	14.559	133.88	3.8887	.00000	1.1139
#1	-.00587	-.00001	-.00156	-.01027	4.6435
#2	-.00722	-.00027	-.00165	-.01027	4.5709

DK 4/24/04

Analysis Report 04/22/04 11:59:56 AM page 1

Method: 6010B Sample Name: S2032-08 Operator: DR
Run Time: 04/22/04 11:58:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	.00642	-.00007	-.00219	-.00466	-.01214	.00135
SDev	.00012	.00793	.00033	.00402	.00198	.00475	.00010
%RSD	8.8995	123.62	445.00	183.78	42.589	39.117	7.3211
#1	-.00143	.00081	.00016	.00066	-.00325	-.01550	.00128
#2	-.00126	.01202	-.00030	-.00503	-.00606	-.00878	.00142

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00292	2.3624	.00187	-.00082	-.00668	-.05064
SDev	.00004	.00000	.0037	.00006	.00064	.00039	.00124
%RSD	51.131	.00127	.15782	3.1400	77.312	5.8566	2.4409
#1	.00010	-.00292	2.3597	.00191	-.00037	-.00640	-.05151
#2	.00005	-.00292	2.3650	.00183	-.00127	-.00696	-.04976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00252	.67855	-.00047	-.00362	2.6167	.00031	.01547
SDev	.00002	.00109	.00052	.00000	.0169	.00035	.00028
%RSD	.92215	.16016	110.89	.01499	.64479	115.30	1.8220
#1	.00253	.67778	-.00084	-.00362	2.6287	.00055	.01567
#2	.00250	.67932	-.00010	-.00362	2.6048	.00006	.01527

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.28388	-.00409	-.00899	.00366	-.00373	.00420	-.00698
SDev	.03269	.00319	.00043	.00382	.00142	.00767	.00220
%RSD	11.517	77.819	4.7361	104.42	37.952	182.51	31.547
#1	-.26076	-.00184	-.00929	.00636	-.00474	.00962	-.00542
#2	-.30700	-.00635	-.00869	.00096	-.00273	-.00122	-.00853

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00685	-.00484	-.00115	-.00980	6.4533
SDev	.00016	.00183	.00029	.00103	.0115
%RSD	2.3622	37.824	25.350	10.537	.17883
#1	-.00697	-.00354	-.00135	-.01053	6.4614
#2	-.00674	-.00613	-.00094	-.00907	6.4451

4/22/04

Analysis Report 04/22/04 12:05:07 PM page 1

Method: 6010B Sample Name: S2032-09 Operator: DR
Run Time: 04/22/04 12:00:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	-.00177	-.00018	-.00396	-.00246	-.01578	.00107
SDev	.00135	.00447	.00103	.00092	.00204	.00035	.00010
%RSD	965.06	252.62	588.74	23.273	82.661	2.2342	9.2196
#1	.00081	.00139	-.00091	-.00330	-.00102	-.01603	.00114
#2	-.00109	-.00493	.00056	-.00461	-.00390	-.01553	.00100

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.00297	.53556	.00076	-.00141	-.00731	-.03581
SDev	.00003	.00009	.00210	.00049	.00147	.00173	.01723
%RSD	607.67	3.0393	.39159	64.294	104.13	23.712	48.101
#1	.00002	-.00303	.53408	.00111	-.00037	-.00609	-.02363
#2	-.00003	-.00290	.53704	.00042	-.00245	-.00854	-.04800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.45070	-.00048	-.00416	2.9505	-.00111	.01772
SDev	.00002	.00109	.00025	.00108	.1315	.00071	.00033
%RSD	2.7156	.24114	51.434	25.957	4.4572	63.765	1.8373
#1	.00085	.45146	-.00065	-.00340	3.0435	-.00061	.01749
#2	.00089	.44993	-.00030	-.00492	2.8575	-.00160	.01795

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.63184	-.00243	-.00572	.00498	-.00455	.00052	-.00779
SDev	.05708	.00346	.00082	.00180	.00065	.00095	.00091
%RSD	9.0336	142.33	14.402	36.088	14.351	181.79	11.643
#1	-.59148	.00002	-.00631	.00371	-.00501	.00119	-.00715
#2	-.67220	-.00488	-.00514	.00625	-.00408	-.00015	-.00843

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00700	-.00811	-.00209	-.00853	4.7101
SDev	.00031	.00037	.00004	.00057	.0237
%RSD	4.3647	4.5094	1.9904	6.6493	.50289
#1	-.00722	-.00837	-.00206	-.00813	4.6933
#2	-.00679	-.00786	-.00212	-.00893	4.7268

4/26/04

Analysis Report 04/22/04 12:07:10 PM page 1

Method: 6010B Sample Name: S2032-10 Operator: DR
Run Time: 04/22/04 12:05:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	-.00556	.00035	.00041	-.00005	-.03077	-.00274
SDev	.00249	.00305	.00127	.00052	.00092	.00036	.00015
%RSD	252.44	54.829	367.49	126.27	1768.5	1.1771	5.4128
#1	-.00274	-.00772	.00125	.00078	-.00070	-.03051	-.00264
#2	.00077	-.00341	-.00055	.00004	.00060	-.03103	-.00285

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00273	1.3129	.00197	-.00132	-.00743	-.03322
SDev	.00003	.00008	.0035	.00012	.00033	.00022	.00124
%RSD	121.32	2.8361	.26622	5.9713	25.370	3.0029	3.7303
#1	.00004	-.00278	1.3154	.00188	-.00108	-.00759	-.03234
#2	.00000	-.00267	1.3105	.00205	-.00155	-.00727	-.03410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00275	.49623	-.00103	-.00413	1.8233	-.00003	.01811
SDev	.00002	.00190	.00037	.00035	.0303	.00059	.00024
%RSD	.84920	.38327	35.833	8.3533	1.6602	2286.4	1.3336
#1	.00276	.49757	-.00129	-.00389	1.8448	-.00044	.01829
#2	.00273	.49488	-.00077	-.00438	1.8019	.00039	.01794

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.39477	.00303	-.00942	.00531	-.00413	.00387	-.00292
SDev	.01441	.00230	.00735	.00094	.00144	.00372	.00108
%RSD	3.6497	75.837	78.039	17.731	34.870	96.276	37.130
#1	-.38458	.00465	-.01462	.00598	-.00311	.00650	-.00368
#2	-.40496	.00140	-.00422	.00465	-.00515	.00123	-.00215

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00778	-.00863	-.00234	-.01076	6.0439
SDev	.00079	.00012	.00006	.00109	.0408
%RSD	10.171	1.4130	2.6666	10.162	.67581
#1	-.00834	-.00872	-.00229	-.00999	6.0728
#2	-.00722	-.00855	-.00238	-.01153	6.0150

4/22/04

Analysis Report 04/22/04 12:09:05 PM page 1

Method: 6010B Sample Name: S2032-11 Operator: DR
Run Time: 04/22/04 12:07:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00139	.00066	-.00363	-.00440	-.01371	.00698
SDev	.00015	.00027	.00034	.00063	.00303	.00111	.00015
%RSD	46.231	19.186	52.000	17.420	68.941	8.1091	2.1235
#1	.00022	.00120	.00042	-.00407	-.00226	-.01450	.00688
#2	.00044	.00158	.00090	-.00318	-.00655	-.01293	.00709

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.00304	.69127	.00204	-.00172	-.00755	-.03930
SDev	.00003	.00003	.00047	.00112	.00064	.00184	.01229
%RSD	653.37	1.0037	.06742	54.833	36.930	24.434	31.280
#1	-.00002	-.00307	.69160	.00125	-.00217	-.00885	-.04799
#2	.00002	-.00302	.69094	.00283	-.00127	-.00624	-.03061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.75771	-.00062	-.00467	3.7425	-.00135	.02086
SDev	.00016	.00272	.00000	.00089	.3781	.00129	.00040
%RSD	14.774	.35858	.03949	18.949	10.104	95.561	1.9151
#1	.00099	.75963	-.00062	-.00530	3.4751	-.00227	.02057
#2	.00122	.75578	-.00062	-.00405	4.0099	-.00044	.02114

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.75409	-.00499	-.00643	.00331	-.00266	.00090	-.00759
SDev	.07481	.00127	.00657	.00015	.00044	.00136	.00148
%RSD	9.9206	25.450	102.21	4.6712	16.396	150.64	19.548
#1	-.80699	-.00409	-.00178	.00320	-.00297	.00186	-.00863
#2	-.70119	-.00589	-.01107	.00342	-.00236	-.00006	-.00654

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00792	-.00807	-.00228	-.01158	4.3095
SDev	.00034	.00091	.00023	.00063	.0041
%RSD	4.3143	11.334	10.030	5.4223	.09513
#1	-.00768	-.00872	-.00244	-.01202	4.3124
#2	-.00816	-.00742	-.00212	-.01113	4.3066

OK 4/22/04

Analysis Report 04/22/04 12:11:00 PM page 1

Method: 6010B Sample Name: S2032-12 Operator: DR
Run Time: 04/22/04 12:09:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	-.00212	.00055	-.00090	.00211	.06626	.01129
SDev	.00180	.00495	.00173	.00099	.00277	.00293	.00020
%RSD	127.90	233.69	318.11	109.76	131.25	4.4204	1.7528
#1	.00268	.00138	-.00068	-.00020	.00015	.06833	.01143
#2	.00013	-.00561	.00177	-.00160	.00407	.06418	.01115

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00249	3.0732	-.00014	-.00068	-.00719	-.01845
SDev	.00000	.00028	.0172	.00012	.00050	.00011	.00739
%RSD	.00050	11.420	.56109	84.151	73.762	1.5657	40.042
#1	-.00004	-.00229	3.0610	-.00022	-.00033	-.00711	-.01323
#2	-.00004	-.00269	3.0854	-.00006	-.00103	-.00727	-.02367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	.27529	-.00039	-.00302	5.0949	.00287	.02424
SDev	.00012	.01494	.00023	.00061	.1161	.00000	.00036
%RSD	4.0916	5.4283	57.515	20.210	2.2792	.00284	1.4987
#1	.00276	.26472	-.00055	-.00345	5.0127	.00287	.02398
#2	.00293	.28586	-.00023	-.00258	5.1770	.00287	.02449

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.31562	.00519	-.00725	.00263	-.00250	.00304	-.00457
SDev	.00997	.00206	.00420	.00199	.00359	.00072	.00199
%RSD	3.1604	39.731	57.867	75.533	144.00	23.835	43.480
#1	-.32267	.00373	-.01022	.00404	-.00504	.00253	-.00316
#2	-.30857	.00665	-.00428	.00123	.00005	.00356	-.00597

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00684	.01647	-.00103	-.01059	4.9368
SDev	.00011	.00146	.00029	.00097	.0237
%RSD	1.5777	8.8891	28.243	9.1792	.47980
#1	-.00676	.01543	-.00082	-.00990	4.9201
#2	-.00691	.01750	-.00124	-.01128	4.9536

BH 4/22/04

Analysis Report QC Standard 04/22/04 12:13:30 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 12:11:21
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1558	5.2567	5.1835	5.1865	4.9870	9.9794	9.9163
SDev	.0176	.0555	.0542	.0726	.0274	.0347	.0477
%RSD	.34158	1.0565	1.0454	1.4007	.54932	.34812	.48053
#1	5.1433	5.2174	5.1452	5.1351	4.9677	9.9548	9.8826
#2	5.1682	5.2960	5.2218	5.2379	5.0064	10.004	9.9500

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25242	2.6136	25.522	.99980	2.5133	1.1848	5.0158
SDev	.00086	.0086	.039	.00033	.0052	.0037	.0098
%RSD	.34050	.32785	.15430	.03342	.20618	.31603	.19537
#1	.25182	2.6075	25.494	.99956	2.5096	1.1822	5.0228
#2	.25303	2.6196	25.550	1.0000	2.5169	1.1875	5.0089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4778	26.250	2.5591	1.2602	24.156	2.4445	2.5073
SDev	.0077	.064	.0019	.0049	.630	.0040	.0122
%RSD	.31278	.24219	.07436	.38824	2.6070	.16314	.48565
#1	2.4723	26.295	2.5578	1.2568	24.602	2.4473	2.4987
#2	2.4833	26.205	2.5605	1.2637	23.711	2.4417	2.5159

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.837	5.0545	4.8487	5.1939	5.1764	5.2202	5.1681
SDev	.217	.0092	.1007	.0229	.0927	.0225	.1201
%RSD	.87237	.18168	2.0760	.44178	1.7907	.43044	2.3246
#1	24.990	5.0610	4.7775	5.2101	5.1108	5.2361	5.0831
#2	24.684	5.0480	4.9199	5.1776	5.2419	5.2043	5.2530

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1221	5.0492	4.9018	5.0600	Q5.5277
SDev	.0333	.0720	.0176	.0193	.0023
%RSD	.64983	1.4253	.35958	.38217	.04121
#1	5.0986	4.9983	4.8893	5.0464	Q5.5293
#2	5.1456	5.1001	4.9143	5.0737	Q5.5261

04/22/04

Analysis Report QC Standard 04/22/04 12:18:00 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 12:13:52
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.00575	.00219	.00263	.00542	-.03077	-.00155
SDev	.00291	.00725	.00147	.00157	.00343	.00255	.00015
%RSD	223.82	126.02	67.012	59.606	63.315	8.3027	9.5591
#1	-.00076	.00063	.00323	.00374	.00784	-.02897	-.00166
#2	.00335	Q.01088	.00115	.00152	.00299	-.03258	-.00145

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00134	-.00340	-.00065	-.00094	-.00782	-.01927
SDev	.00001	.00023	.00186	.00014	.00074	.00034	.00123
%RSD	63.504	16.833	54.777	21.041	78.209	4.2904	6.3701
#1	-.00002	-.00118	-.00472	-.00075	-.00146	-.00806	-.02014
#2	-.00001	-.00150	-.00209	-.00056	-.00042	-.00759	-.01841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00158	-.00309	.00046	-.00285	.03513	-.00061	.00014
SDev	.00023	.00380	.00119	.00008	.01042	.00023	.00012
%RSD	14.749	122.96	256.84	2.6990	29.668	38.478	85.019
#1	.00141	-.00578	-.00038	-.00291	.04250	-.00078	.00023
#2	.00174	-.00040	.00130	-.00280	.02776	-.00044	.00006

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.75213	.00479	.00346	.00444	-.00093	.00956	-.00243
SDev	.04322	.00572	.00115	.00332	.00055	.00464	.00004
%RSD	5.7468	119.27	33.226	74.834	58.851	48.528	1.4771
#1	-.78270	.00883	.00265	.00679	-.00054	.01284	-.00240
#2	-.72157	.00075	.00428	.00209	-.00131	.00628	-.00245

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	.00051	-.00066	-.00098	.00775
SDev	.00219	.01195	.00023	.00196	.00228
%RSD	481.66	2342.9	34.492	200.20	29.394
#1	.00110	.00896	-.00082	.00041	.00936
#2	-.00201	-.00794	-.00050	-.00237	.00614

OK 4/22/04

Analysis Report 04/22/04 12:20:22 PM page 1

Method: 6010B Sample Name: S2032-13 Operator: DR
Run Time: 04/22/04 12:18:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	-.00705	.00072	-.00142	-.00361	.09523	.01479
SDev	.00093	.00718	.00141	.00209	.00117	.00805	.00020
%RSD	135.09	101.86	194.80	146.79	32.348	8.4514	1.3392
#1	-.00003	-.00197	.00172	-.00290	-.00278	.08954	.01465
#2	-.00134	-.01213	-.00027	.00005	-.00443	.10092	.01493

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00251	3.0061	.00220	-.00118	-.00841	-.00279
SDev	.00001	.00009	.0240	.00018	.00033	.00073	.00985
%RSD	81.000	3.5556	.79841	8.0085	28.418	8.6358	352.48
#1	-.00000	-.00245	2.9891	.00233	-.00141	-.00790	.00417
#2	-.00001	-.00258	3.0231	.00208	-.00094	-.00893	-.00976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00329	.27625	-.00078	-.00369	4.9078	.00346	.02113
SDev	.00023	.00326	.00025	.00058	.0620	.00012	.00008
%RSD	7.0714	1.1802	31.402	15.696	1.2639	3.4112	.39392
#1	.00345	.27856	-.00096	-.00328	4.8640	.00354	.02107
#2	.00313	.27394	-.00061	-.00409	4.9517	.00338	.02119

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.30661	-.00148	-.01107	.00540	-.00361	.00545	-.00656
SDev	.01607	.00173	.00698	.00483	.00453	.00779	.00062
%RSD	5.2413	117.19	63.047	89.516	125.42	142.91	9.3973
#1	-.29524	-.00271	-.00613	.00198	-.00041	-.00006	-.00612
#2	-.31797	-.00025	-.01600	.00881	-.00681	.01096	-.00699

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00474	.00931	-.00096	-.00848	4.8327
SDev	.00128	.00195	.00027	.00079	.0213
%RSD	26.932	20.968	28.240	9.3084	.43987
#1	-.00384	.01069	-.00115	-.00793	4.8177
#2	-.00564	.00793	-.00077	-.00904	4.8477

04 4 12 4 04

Analysis Report 04/22/04 12:22:20 PM page 1

Method: 6010B Sample Name: S2032-14 Operator: DR
Run Time: 04/22/04 12:20:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00182	.00132	-.00060	.00144	.01139	.00485
SDev	.00066	.00210	.00066	.00165	.00293	.00001	.00000
%RSD	211.25	115.25	50.335	274.30	203.48	.04439	.00407
#1	.00078	-.00034	.00085	-.00177	.00351	.01140	.00485
#2	-.00015	-.00330	.00179	.00057	-.00063	.01139	.00485

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.00247	4.3862	.00395	-.00028	-.00844	.11043
SDev	.00001	.00006	.0343	.00006	.00020	.00022	.01971
%RSD	565.76	2.2284	.78093	1.4865	72.201	2.6629	17.845
#1	.00000	-.00251	4.3620	.00399	-.00014	-.00860	.09650
#2	-.00001	-.00243	4.4105	.00391	-.00042	-.00829	.12437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00293	.23475	.00100	-.00353	1.9241	-.00027	.03934
SDev	.00009	.00054	.00179	.00064	.4288	.00047	.00024
%RSD	3.1819	.23148	178.63	18.206	22.284	176.71	.60783
#1	.00299	.23514	-.00026	-.00307	2.2272	.00007	.03917
#2	.00286	.23437	.00227	-.00398	1.6209	-.00060	.03951

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.72588	.00169	-.00226	.00548	-.00276	.00566	-.00543
SDev	.02937	.00604	.00331	.00506	.00352	.00126	.00296
%RSD	4.0461	358.12	146.44	92.375	127.81	22.274	54.616
#1	-.70511	.00596	-.00460	.00906	-.00525	.00655	-.00752
#2	-.74665	-.00259	.00008	.00190	-.00027	.00477	-.00333

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00637	-.00561	-.00144	-.00831	5.7455
SDev	.00059	.00207	.00029	.00124	.0319
%RSD	9.3185	36.939	20.182	14.860	.55498
#1	-.00679	-.00415	-.00165	-.00919	5.7230
#2	-.00595	-.00708	-.00124	-.00744	5.7681

ou 4/22/04

Analysis Report 04/22/04 12:24:34 PM page 1

Method: 6010B Sample Name: S2032-15 Operator: DR
Run Time: 04/22/04 12:22:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	-.00245	.00168	-.00205	.00079	.11386	.00793
SDev	.00177	.00284	.00031	.00044	.00092	.00147	.00030
%RSD	111.86	115.98	18.490	21.523	116.65	1.2933	3.7424
#1	-.00283	-.00044	.00190	-.00174	.00014	.11490	.00814
#2	-.00033	-.00446	.00146	-.00237	.00144	.11282	.00772

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00243	5.0264	.00098	-.00099	-.00809	.06946
SDev	.00001	.00011	.0047	.00069	.00067	.00028	.01846
%RSD	310.96	4.5653	.09272	69.808	67.716	3.4740	26.575
#1	.00001	-.00235	5.0231	.00147	-.00051	-.00789	.08251
#2	-.00001	-.00250	5.0297	.00050	-.00146	-.00829	.05641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00359	1.1519	-.00005	-.00368	3.8291	.00470	.02550
SDev	.00014	.0033	.00035	.00085	.1553	.00071	.00016
%RSD	3.8932	.28304	753.62	23.093	4.0565	15.003	.61901
#1	.00368	1.1542	.00020	-.00308	3.9390	.00520	.02562
#2	.00349	1.1496	-.00029	-.00428	3.7193	.00421	.02539

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43593	.00097	-.00278	.00640	-.00268	.00704	-.00820
SDev	.01219	.00079	.00435	.00108	.00007	.00089	.00022
%RSD	2.7966	81.556	156.53	16.779	2.6491	12.562	2.7023
#1	.44455	.00153	-.00586	.00716	-.00273	.00767	-.00804
#2	.42731	.00041	.00030	.00564	-.00263	.00642	-.00835

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00568	-.00544	-.00080	-.00950	7.6167
SDev	.00088	.00110	.00029	.00040	.1354
%RSD	15.509	20.176	36.596	4.2628	1.7782
#1	-.00506	-.00622	-.00059	-.00979	7.5209
#2	-.00630	-.00466	-.00100	-.00921	7.7125

DL 4/24/04

Analysis Report 04/22/04 12:26:34 PM page 1

Method: 6010B Sample Name: S2032-16 Operator: DR
Run Time: 04/22/04 12:24:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	.00077	.00231	-.00355	.00103	.01785	.00310
SDev	.00084	.00197	.00069	.00017	.00334	.00549	.00010
%RSD	228.22	254.84	29.965	4.6754	323.52	30.727	3.1950
#1	-.00096	-.00062	.00280	-.00343	.00340	.01397	.00317
#2	.00023	.00216	.00182	-.00366	-.00133	.02173	.00303

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.00275	1.3932	.00320	-.00082	-.00809	.07910
SDev	.00000	.00025	.0075	.00010	.00023	.00017	.00739
%RSD	5.4077	9.2133	.53522	3.0607	28.474	2.0763	9.3415
#1	-.00000	-.00257	1.3879	.00327	-.00066	-.00821	.07388
#2	-.00000	-.00293	1.3985	.00313	-.00099	-.00797	.08433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	.13908	.00055	-.00319	1.6865	-.00118	.02260
SDev	.00000	.03206	.00010	.00016	.0362	.00012	.00008
%RSD	.00186	23.053	18.680	4.9018	2.1480	9.9296	.35142
#1	.00181	.11641	.00047	-.00330	1.7121	-.00110	.02255
#2	.00181	.16175	.00062	-.00308	1.6609	-.00126	.02266

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.78505	.00438	-.00886	.00683	-.00194	.00358	-.00880
SDev	.02438	.00319	.00366	.00005	.00106	.00167	.00122
%RSD	3.1059	72.809	41.324	.74346	54.707	46.667	13.913
#1	-.80229	.00663	-.00627	.00679	-.00119	.00240	-.00794
#2	-.76781	.00212	-.01145	.00686	-.00270	.00477	-.00967

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00650	-.01070	-.00107	-.00825	2.8403
SDev	.00059	.00000	.00015	.00051	.0008
%RSD	9.1361	.00000	13.542	6.1325	.02673
#1	-.00691	-.01070	-.00097	-.00790	2.8398
#2	-.00608	-.01070	-.00118	-.00861	2.8408

04/22/04

Analysis Report 04/22/04 12:28:48 PM page 1

Method: 6010B Sample Name: S2032-16D Operator: DR
Run Time: 04/22/04 12:26:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00416	.00023	-.00183	-.00338	.00879	.00271
SDev	.00515	.00203	.00109	.00263	.00408	.00147	.00005
%RSD	1661.2	48.874	468.15	143.66	120.83	16.670	1.8072
#1	-.00333	-.00560	-.00054	-.00369	-.00627	.00776	.00268
#2	.00395	-.00272	.00100	.00003	-.00049	.00983	.00275

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00266	1.4031	.00313	-.00127	-.00809	.07562
SDev	.00001	.00019	.0009	.00004	.00033	.00039	.04186
%RSD	25.235	7.2754	.06643	1.2524	26.302	4.8751	55.356
#1	-.00003	-.00280	1.4037	.00316	-.00151	-.00837	.04602
#2	-.00004	-.00252	1.4024	.00311	-.00103	-.00781	.10522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	.16194	.00043	-.00384	1.7146	-.00135	.02300
SDev	.00002	.00081	.00002	.00048	.2248	.00012	.00025
%RSD	1.4959	.50334	4.9391	12.433	13.111	8.8320	1.0768
#1	.00158	.16136	.00045	-.00418	1.5556	-.00143	.02318
#2	.00154	.16251	.00042	-.00350	1.8735	-.00126	.02283

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.77055	-.00049	-.01236	.00592	-.00461	.00720	-.00804
SDev	.00499	.00567	.00091	.00026	.00176	.00079	.00369
%RSD	.64725	1147.6	7.3579	4.4434	38.157	10.993	45.925
#1	-.77407	-.00450	-.01300	.00611	-.00585	.00664	-.01065
#2	-.76702	.00351	-.01172	.00574	-.00336	.00776	-.00543

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00676	-.01122	-.00150	-.00770	2.8118
SDev	.00061	.00012	.00017	.00142	.0018
%RSD	9.0413	1.0872	11.081	18.417	.06480
#1	-.00633	-.01131	-.00162	-.00870	2.8105
#2	-.00719	-.01113	-.00138	-.00669	2.8131

04/22/04

Analysis Report 04/22/04 12:31:23 PM page 1

Method: 6010B Sample Name: S2032-16LX5 Operator: DR
Run Time: 04/22/04 12:29:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.00182	.00115	-.00228	-.00265	-.02560	-.00376
SDev	.00096	.00739	.00015	.00291	.00189	.00182	.00000
%RSD	435.90	405.17	12.724	127.22	71.393	7.1192	.00196
#1	-.00046	.00340	.00125	-.00434	-.00131	-.02689	-.00376
#2	.00090	-.00704	.00105	-.00023	-.00399	-.02431	-.00376

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00262	.27423	.00037	-.00077	-.00743	-.02537
SDev	.00001	.00028	.00163	.00045	.00003	.00022	.00740
%RSD	36.349	10.831	.59479	120.57	4.2926	3.0150	29.160
#1	-.00003	-.00283	.27308	.00069	-.00075	-.00759	-.03060
#2	-.00005	-.00242	.27539	.00006	-.00080	-.00727	-.02014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.02553	-.00106	-.00348	.33129	-.00077	.00342
SDev	.00012	.00190	.00096	.00057	.20793	.00070	.00008
%RSD	13.373	7.4489	90.997	16.426	62.764	90.911	2.3074
#1	.00079	.02419	-.00038	-.00307	.47832	-.00028	.00337
#2	.00095	.02688	-.00174	-.00388	.18426	-.00127	.00348

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.83324	-.00462	-.00191	.00197	-.00126	.00503	-.00774
SDev	.00055	.00178	.00212	.00320	.00181	.00562	.00155
%RSD	.06650	38.511	111.04	162.33	144.08	111.69	20.087
#1	-.83285	-.00336	-.00041	-.00029	.00002	.00106	-.00883
#2	-.83363	-.00588	-.00340	.00423	-.00254	.00900	-.00664

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00709	-.01700	-.00204	-.00589	.57464
SDev	.00000	.00012	.00006	.00045	.00805
%RSD	.00000	.71757	3.0500	7.5604	1.4004
#1	-.00709	-.01708	-.00200	-.00621	.56895
#2	-.00709	-.01691	-.00209	-.00558	.58033

04/22/04

Analysis Report 04/22/04 12:33:25 PM page 1

Method: 6010B Sample Name: S2032-17 Operator: DR
Run Time: 04/22/04 12:31:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.82293	2.1109	1.0739	2.0718	.85548	2.0072	.21139
SDev	.00884	.0339	.0173	.0436	.00871	.0044	.00138
%RSD	1.0740	1.6082	1.6074	2.1054	1.0182	.21878	.65536
#1	.81668	2.0869	1.0617	2.0410	.84932	2.0041	.21041
#2	.82918	2.1349	1.0861	2.1027	.86164	2.0103	.21237

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20517	.21651	2.2450	.41532	.20600	.27905	2.9175
SDev	.00117	.00139	.0098	.00180	.00080	.00050	.0074
%RSD	.57232	.64256	.43593	.43431	.38913	.18050	.25312
#1	.20433	.21553	2.2381	.41404	.20544	.27869	2.9123
#2	.20600	.21750	2.2520	.41659	.20657	.27941	2.9227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20828	2.3458	.53523	.07601	4.4709	.29686	.23115
SDev	.00079	.0060	.00398	.00023	.2025	.00023	.00128
%RSD	.37993	.25482	.74342	.30590	4.5286	.07781	.55584
#1	.20772	2.3500	.53241	.07584	4.6141	.29702	.23024
#2	.20884	2.3416	.53804	.07617	4.3278	.29670	.23206

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.1156	.86799	.82723	1.0815	1.0681	2.0986	2.0566
SDev	.0604	.00093	.02429	.0093	.0210	.0169	.0570
%RSD	.74426	.10712	2.9368	.86022	1.9616	.80289	2.7708
#1	8.1583	.86733	.81006	1.0749	1.0533	2.0867	2.0163
#2	8.0729	.86865	.84441	1.0880	1.0829	2.1105	2.0969

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.42099	.28431	.20200	.76461	3.9408
SDev	.00311	.00470	.00033	.00168	.0314
%RSD	.73895	1.6517	.16463	.21981	.79757
#1	.41879	.28099	.20177	.76343	3.9186
#2	.42319	.28763	.20224	.76580	3.9630

04/24/04

Analysis Report 04/22/04 12:35:08 PM page 1

Method: 6010B Sample Name: S2032-18 Operator: DR
Run Time: 04/22/04 12:33:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83460	2.1989	1.0952	2.1146	.86776	2.0347	.21325
SDev	.00558	.0118	.0030	.0136	.00574	.0124	.00035
%RSD	.66792	.53605	.27659	.64309	.66194	.61152	.16238
#1	.83066	2.1906	1.0930	2.1050	.86370	2.0259	.21300
#2	.83855	2.2072	1.0973	2.1242	.87182	2.0435	.21349

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20751	.22032	2.2788	.42085	.21016	.28178	2.9645
SDev	.00072	.00030	.0105	.00221	.00047	.00112	.0098
%RSD	.34506	.13600	.46015	.52642	.22238	.39679	.33189
#1	.20700	.22011	2.2714	.41928	.20983	.28099	2.9575
#2	.20802	.22053	2.2862	.42241	.21049	.28257	2.9714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21111	2.3796	.54374	.07684	4.6369	.29978	.23344
SDev	.00079	.0114	.00362	.00030	.0511	.00036	.00108
%RSD	.37477	.47955	.66592	.39365	1.1023	.11886	.46380
#1	.21055	2.3715	.54118	.07705	4.6731	.29952	.23267
#2	.21167	2.3877	.54630	.07662	4.6008	.30003	.23421

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2038	.87572	.84863	1.0895	1.0961	2.1189	2.1108
SDev	.0022	.00421	.00882	.0026	.0031	.0023	.0192
%RSD	.02702	.48045	1.0396	.23416	.28523	.10871	.91140
#1	8.2054	.87274	.84239	1.0877	1.0939	2.1173	2.0972
#2	8.2022	.87869	.85486	1.0913	1.0983	2.1206	2.1244

Elem	Mo2020	b_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.42881	.29341	.20396	.77799	4.0007
SDev	.00108	.00085	.00069	.00423	.0211
%RSD	.25160	.29099	.33631	.54397	.52756
#1	.42805	.29402	.20347	.77500	3.9858
#2	.42957	.29281	.20444	.78098	4.0156

DF 4/22/04

Analysis Report 04/22/04 12:36:57 PM page 1

Method: 6010B Sample Name: S2032-16A Operator: DR
Run Time: 04/22/04 12:35:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83240	2.2040	1.1010	2.1105	.86762	2.0393	.21237
SDev	.00305	.0040	.0052	.0099	.00199	.0081	.00089
%RSD	.36673	.18119	.47126	.46804	.22928	.39491	.41932
#1	.83024	2.2069	1.1046	2.1175	.86903	2.0450	.21300
#2	.83456	2.2012	1.0973	2.1036	.86621	2.0336	.21174

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20699	.22020	2.2803	.42097	.20914	.27945	2.9349
SDev	.00057	.00117	.0009	.00118	.00104	.00162	.0148
%RSD	.27387	.53060	.04088	.27942	.49574	.58023	.50326
#1	.20739	.22103	2.2810	.42180	.20988	.28059	2.9453
#2	.20659	.21937	2.2796	.42014	.20841	.27830	2.9244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21048	2.3859	.54325	.07666	4.3980	.29861	.23331
SDev	.00075	.0090	.00185	.00108	.3474	.00012	.00104
%RSD	.35372	.37579	.34087	1.4062	7.8987	.04019	.44646
#1	.21101	2.3923	.54194	.07742	4.6436	.29870	.23404
#2	.20996	2.3796	.54456	.07590	4.1523	.29853	.23257

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2457	.87724	.84514	1.0935	1.1027	2.1129	2.1078
SDev	.0615	.00057	.00711	.0013	.0084	.0019	.0157
%RSD	.74597	.06467	.84131	.11430	.76201	.08808	.74671
#1	8.2892	.87684	.85017	1.0926	1.1087	2.1116	2.1189
#2	8.2022	.87764	.84011	1.0943	1.0968	2.1142	2.0966

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.42896	.29281	.20387	.77984	4.0041
SDev	.00183	.00451	.00019	.00198	.0214
%RSD	.42758	1.5413	.09176	.25446	.53468
#1	.43026	.29600	.20400	.78124	4.0193
#2	.42767	.28962	.20373	.77843	3.9890

04/22/04

Analysis Report 04/22/04 12:43:08 PM page 1

Method: 6010B Sample Name: S2032-19 Operator: DR
Run Time: 04/22/04 12:37:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	.00814	.00387	.00194	-.00032	.60488	.07678
SDev	.00497	.00102	.00135	.00316	.00058	.00000	.00010
%RSD	322.98	12.496	34.804	162.53	180.48	.00054	.12888
#1	-.00198	.00742	.00292	.00418	-.00073	.60488	.07685
#2	.00505	.00886	.00482	-.00029	.00009	.60487	.07671

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00242	23.868	.02447	-.00078	.11190	.76317
SDev	.00003	.00003	.142	.00018	.00003	.00101	.00001
%RSD	179.93	1.1486	.59554	.72094	4.2929	.89841	.00067
#1	-.00000	-.00240	23.968	.02459	-.00075	.11261	.76316
#2	.00004	-.00244	23.767	.02434	-.00080	.11119	.76317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00977	.98249	.01390	-.00447	4.3681	.01382	.03747
SDev	.00002	.00489	.00031	.00031	.0074	.00035	.00052
%RSD	.23626	.49777	2.2077	6.8530	.17041	2.5494	1.3956
#1	.00978	.98594	.01412	-.00425	4.3629	.01406	.03784
#2	.00975	.97903	.01368	-.00469	4.3734	.01357	.03710

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59032	-.00111	-.00195	.00624	.00058	.00779	-.00257
SDev	.01330	.00066	.00043	.00163	.00134	.00581	.00184
%RSD	2.2529	59.377	21.793	26.182	230.48	74.487	71.484
#1	.58091	-.00157	-.00225	.00509	-.00037	.01190	-.00127
#2	.59972	-.00064	-.00165	.00740	.00153	.00369	-.00388

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00652	-.00497	-.00210	-.00788	5.8020
SDev	.00020	.00006	.00015	.00059	.0121
%RSD	3.0335	1.2279	6.9178	7.4497	.20936
#1	-.00638	-.00492	-.00221	-.00747	5.8106
#2	-.00666	-.00501	-.00200	-.00830	5.7934

04/22/04

Analysis Report QC Standard 04/22/04 12:45:24 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 12:43:19
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3456	5.4851	5.3711	5.3730	5.1133	10.303	10.152
SDev	.0136	.0307	.0351	.0455	.0235	.036	.015
%RSD	.25502	.56000	.65343	.84687	.45917	.34904	.14524
#1	5.3360	5.4634	5.3463	5.3408	5.0967	10.278	10.141
#2	5.3552	Q5.5068	5.3959	5.4052	5.1299	10.329	10.162

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25877	2.7138	26.349	1.0269	2.5790	1.1995	5.0718
SDev	.00077	.0095	.091	.0027	.0113	.0012	.0405
%RSD	.29871	.34918	.34667	.26715	.43942	.09694	.79927
#1	.25822	2.7071	26.284	1.0250	2.5710	1.2003	5.0432
#2	.25932	2.7205	26.413	1.0289	2.5870	1.1986	5.1005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5286	27.399	2.6431	1.2957	25.513	2.4825	2.5666
SDev	.0081	.104	.0062	.0017	.042	.0067	.0114
%RSD	.32127	.37881	.23488	.13105	.16339	.26959	.44282
#1	2.5229	27.326	2.6387	1.2945	25.543	2.4777	2.5586
#2	2.5344	27.473	2.6475	1.2969	25.484	2.4872	2.5747

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.992	5.1937	4.9491	5.3451	5.3820	5.3743	5.3706
SDev	.028	.0173	.0359	.0194	.0428	.0208	.0578
%RSD	.10660	.33260	.72555	.36275	.79518	.38748	1.0767
#1	25.972	5.1815	4.9237	5.3314	5.3517	5.3596	5.3297
#2	26.011	5.2059	4.9745	5.3589	5.4122	5.3890	5.4114

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2877	5.2133	4.9945	5.2120	Q5.8446
SDev	.0226	.0537	.0123	.0294	.0065
%RSD	.42713	1.0306	.24595	.56450	.11171
#1	5.2718	5.1753	4.9858	5.1912	Q5.8400
#2	5.3037	5.2513	5.0032	5.2328	Q5.8492

04/22/04

Analysis Report QC Standard 04/22/04 12:50:56 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 12:45:50
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	-.00493	.00178	.00053	.00211	-.03336	-.00285
SDev	.00018	.00868	.00182	.00207	.00175	.00111	.00129
%RSD	32.478	176.03	102.07	388.69	83.018	3.3141	45.191
#1	.00043	Q-.01107	.00306	.00200	.00087	-.03258	-.00194
#2	.00068	.00121	.00050	-.00093	.00335	-.03415	-.00376

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00196	.00022	-.00079	-.00132	-.00830	-.06019
SDev	.00000	.00053	.00373	.00053	.00000	.00056	.00494
%RSD	7.3289	27.099	1681.5	66.980	.00573	6.7333	8.1999
#1	.00003	-.00159	.00286	-.00117	-.00132	-.00870	-.06368
#2	.00003	-.00234	-.00241	-.00042	-.00132	-.00791	-.05670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	-.00540	-.00053	-.00336	-.22349	-.00094	-.00096
SDev	.00023	.00000	.00038	.00007	.07444	.00094	.00064
%RSD	15.402	.00000	71.646	2.2141	33.307	99.269	67.083
#1	.00168	-.00540	-.00080	-.00330	-.27613	-.00028	-.00051
#2	.00135	-.00540	-.00026	-.00341	-.17086	-.00161	-.00142

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.95902	.00218	-.00123	.00285	-.00076	.00701	-.00440
SDev	.04322	.00342	.00158	.00068	.00238	.00476	.00086
%RSD	4.5070	156.92	129.08	23.730	315.27	67.941	19.644
#1	-.98959	-.00024	-.00011	.00333	.00093	.01038	-.00379
#2	-.92846	.00459	-.00234	.00238	-.00244	.00364	-.00501

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00352	-.01144	-.00125	-.00266	.00055
SDev	.00214	.00482	.00081	.00231	.00820
%RSD	60.794	42.133	64.810	86.902	1477.5
#1	-.00201	-.00803	-.00068	-.00102	.00635
#2	-.00503	-.01484	-.00182	-.00429	-.00524

04/22/04

Analysis Report 04/22/04 12:53:45 PM page 1

Method: 6010B Sample Name: S2032-20 Operator: DR
Run Time: 04/22/04 12:51:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00092	-.00450	-.00010	.00124	-.00013	.20720	.00758
SDev	.00299	.00048	.00130	.00307	.00001	.00111	.00010
%RSD	324.02	10.626	1311.3	246.58	10.324	.53555	1.3064
#1	-.00304	-.00484	-.00102	.00342	-.00013	.20798	.00765
#2	.00119	-.00416	.00082	-.00093	-.00012	.20641	.00751

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.00271	6.4686	-.00035	-.00118	-.00817	.08345
SDev	.00003	.00032	.0161	.00061	.00060	.00061	.00371
%RSD	60.308	11.991	.24856	175.01	51.153	7.5200	4.4448
#1	.00007	-.00248	6.4572	.00008	-.00075	-.00774	.08083
#2	.00003	-.00294	6.4800	-.00078	-.00160	-.00860	.08608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00443	.39268	.00086	-.00433	5.7409	-.00003	.04418
SDev	.00016	.00380	.00050	.00122	.1047	.00106	.00048
%RSD	3.6792	.96869	58.426	28.285	1.8239	4192.1	1.0950
#1	.00454	.39537	.00050	-.00346	5.8149	.00072	.04384
#2	.00431	.38999	.00121	-.00519	5.6668	-.00077	.04453

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.43983	.00012	-.00381	.00515	-.00472	.00550	-.00268
SDev	.02937	.00445	.00888	.00431	.00019	.00350	.00635
%RSD	6.6775	3863.5	233.08	83.593	4.1041	63.658	236.97
#1	-.41907	-.00303	.00247	.00211	-.00458	.00303	.00181
#2	-.46060	.00326	-.01009	.00820	-.00486	.00798	-.00717

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00517	.00788	-.00169	-.00929	5.1143
SDev	.00074	.00043	.00006	.00055	.0093
%RSD	14.253	5.4146	3.6860	5.8878	.18110
#1	-.00465	.00819	-.00174	-.00890	5.1078
#2	-.00569	.00758	-.00165	-.00967	5.1209

04/22/04

Analysis Report 04/22/04 12:55:49 PM page 1

Method: 6010B Sample Name: S2032-21 Operator: DR
Run Time: 04/22/04 12:54:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	-.00728	.00218	.00019	.00216	.01605	.00310
SDev	.00135	.00861	.00168	.00302	.00221	.00001	.00000
%RSD	161.60	118.32	77.228	1607.9	102.69	.04034	.00794
#1	-.00012	-.01337	.00099	-.00195	.00372	.01605	.00310
#2	.00179	-.00119	.00337	.00232	.00059	.01604	.00310

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00270	.52073	.00017	-.00054	-.00664	.00771
SDev	.00001	.00008	.00210	.00031	.00070	.00000	.02463
%RSD	16.310	3.0625	.40274	189.10	130.46	.02335	319.50
#1	.00005	-.00276	.52221	.00039	-.00004	-.00664	-.00971
#2	.00004	-.00264	.51925	-.00006	-.00103	-.00663	.02513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	.17904	-.00049	-.00346	2.4739	-.00036	.02090
SDev	.00005	.00163	.00067	.00095	.1226	.00035	.00024
%RSD	2.8328	.91054	136.89	27.332	4.9547	97.886	1.1389
#1	.00161	.17788	-.00002	-.00279	2.5606	-.00011	.02074
#2	.00168	.18019	-.00096	-.00413	2.3873	-.00061	.02107

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.91435	.00475	-.00625	.00363	-.00065	.00436	-.00369
SDev	.04212	.00558	.00451	.00294	.00385	.00214	.00560
%RSD	4.6060	117.25	72.242	81.017	596.12	49.165	151.58
#1	-.88457	.00870	-.00944	.00572	-.00337	.00588	-.00765
#2	-.94413	.00081	-.00306	.00155	.00208	.00285	.00027

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00625	-.00432	-.00152	-.00755	4.6086
SDev	.00004	.00134	.00010	.00146	.0214
%RSD	.57509	31.060	6.8583	19.302	.46455
#1	-.00623	-.00337	-.00159	-.00652	4.5935
#2	-.00628	-.00527	-.00144	-.00858	4.6237

04/22/04

Analysis Report 04/22/04 12:57:46 PM page 1

Method: 6010B Sample Name: S2032-22 Operator: DR
Run Time: 04/22/04 12:56:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00247	-.00219	-.00090	-.00206	-.00022	-.01111	-.00127
SDev	.00464	.00075	.00130	.00167	.00192	.00549	.00025
%RSD	188.10	34.015	144.00	80.988	885.38	49.408	19.399
#1	.00081	-.00166	.00002	-.00325	-.00157	-.00723	-.00110
#2	-.00575	-.00272	-.00182	-.00088	.00114	-.01499	-.00145

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00294	.60064	.00012	-.00118	-.00848	.15397
SDev	.00001	.00010	.00047	.00045	.00033	.00005	.01477
%RSD	91.844	3.2474	.07758	363.40	28.440	.64225	9.5965
#1	.00000	-.00287	.60097	.00044	-.00094	-.00852	.16441
#2	.00001	-.00301	.60031	-.00019	-.00141	-.00844	.14352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.28182	-.00095	-.00410	2.8592	.00048	.02245
SDev	.00009	.00516	.00101	.00049	.0511	.00012	.00012
%RSD	5.0574	1.8318	106.41	11.973	1.7877	24.339	.52771
#1	.00191	.28547	-.00167	-.00445	2.8954	.00039	.02253
#2	.00178	.27817	-.00024	-.00376	2.8231	.00056	.02237

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.89790	.00276	-.00938	.00265	-.00478	.00176	-.00577
SDev	.00222	.00361	.00147	.00165	.00098	.00104	.00303
%RSD	.24687	130.78	15.661	62.272	20.574	59.231	52.440
#1	-.89946	.00021	-.00834	.00382	-.00408	.00250	-.00791
#2	-.89633	.00531	-.01042	.00149	-.00547	.00102	-.00363

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00661	.01401	-.00207	-.00996	4.5260
SDev	.00079	.00018	.00039	.00142	.0015
%RSD	11.971	1.3061	19.043	14.233	.03355
#1	-.00605	.01388	-.00179	-.00896	4.5271
#2	-.00717	.01414	-.00235	-.01096	4.5250

DH 4/22/04

Analysis Report 04/22/04 12:59:43 PM page 1

Method: 6010B Sample Name: S2032-23 Operator: DR
Run Time: 04/22/04 12:58:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	-.00887	-.00048	.00158	-.00114	-.00232	.00142
SDev	.00075	.00325	.00074	.00000	.00047	.00403	.00010
%RSD	67.483	36.691	155.83	.06362	41.080	173.60	6.9657
#1	.00058	-.00657	-.00100	.00158	-.00147	-.00517	.00135
#2	.00164	-.01117	.00005	.00158	-.00081	.00053	.00149

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00266	.55665	.06215	-.00111	-.00196	.17642
SDev	.00001	.00011	.00163	.00026	.00010	.00033	.00984
%RSD	85.513	4.0524	.29303	.40996	9.0816	17.030	5.5794
#1	.00002	-.00274	.55780	.06197	-.00118	-.00173	.16946
#2	.00000	-.00259	.55550	.06233	-.00104	-.00220	.18338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	.40286	.00640	-.00331	3.9319	-.00049	.02657
SDev	.00002	.00081	.00110	.00023	.2362	.00047	.00016
%RSD	.90459	.20232	17.114	6.8124	6.0077	96.255	.61117
#1	.00256	.40343	.00717	-.00315	4.0990	-.00082	.02669
#2	.00260	.40228	.00562	-.00347	3.7649	-.00016	.02646

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.85009	-.00142	-.00377	.00187	-.00385	.00323	-.00094
SDev	.01884	.00187	.00235	.00453	.00115	.00325	.00177
%RSD	2.2163	132.09	62.239	241.76	29.826	100.54	186.96
#1	-.83677	-.00274	-.00211	-.00133	-.00304	.00093	.00030
#2	-.86341	-.00009	-.00544	.00508	-.00466	.00553	-.00219

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00576	-.01096	-.00157	-.00863	4.6100
SDev	.00023	.00195	.00031	.00180	.0091
%RSD	4.0601	17.805	19.807	20.890	.19762
#1	-.00592	-.00958	-.00179	-.00990	4.6164
#2	-.00559	-.01234	-.00135	-.00735	4.6036

04/22/04

Analysis Report 04/22/04 01:01:33 PM page 1

Method: 6010B Sample Name: S2032-24 Operator: DR
Run Time: 04/22/04 12:59:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	-.00536	-.00030	-.00010	.00027	-.01475	.00069
SDev	.00045	.00007	.00117	.00112	.00244	.00475	.00005
%RSD	37.489	1.2629	389.01	1119.7	917.34	32.234	7.2212
#1	-.00152	-.00541	.00053	-.00089	.00199	-.01139	.00072
#2	-.00088	-.00531	-.00113	.00069	-.00146	-.01811	.00065

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00260	.46520	.00090	-.00181	-.00218	-.02885
SDev	.00001	.00006	.00047	.00006	.00017	.00064	.00985
%RSD	66.003	2.4858	.10018	6.5320	9.1963	38.441	34.142
#1	.00002	-.00265	.46553	.00094	-.00193	-.00159	-.03581
#2	.00001	-.00255	.46487	.00086	-.00170	-.00277	-.02188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	.39210	-.00106	-.00386	4.0930	-.00135	.01914
SDev	.00000	.00353	.00146	.00012	.1464	.00012	.00008
%RSD	.00962	.90082	137.46	3.0868	3.5767	8.6810	.42551
#1	.00174	.39460	-.00210	-.00394	3.9895	-.00144	.01920
#2	.00174	.38960	-.00003	-.00377	4.1965	-.00127	.01908

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.86968	.00151	-.00542	.00483	-.00486	.00576	-.00483
SDev	.02882	.00164	.01061	.00281	.00316	.00792	.00227
%RSD	3.3134	108.75	195.62	58.134	65.016	137.40	47.043
#1	-.84931	.00035	.00208	.00284	-.00263	.00016	-.00322
#2	-.89006	.00267	-.01293	.00681	-.00710	.01137	-.00643

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00702	-.01062	-.00224	-.00959	4.4954
SDev	.00072	.00012	.00004	.00105	.0181
%RSD	10.251	1.1490	1.8596	10.984	.40193
#1	-.00651	-.01070	-.00221	-.00884	4.5082
#2	-.00753	-.01053	-.00226	-.01033	4.4827

04/22/04

Analysis Report 04/22/04 01:03:27 PM

Method: 6010B Sample Name: S2032-25 Operator: DR
Run Time: 04/22/04 13:01:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00196	.00012	-.00300	-.00057	.08744	.00667
SDev	.00084	.00502	.00100	.00157	.00074	.00001	.00010
%RSD	616.04	256.06	824.95	52.255	129.17	.00795	1.4838
#1	-.00046	-.00551	.00083	-.00189	-.00005	.08743	.00674
#2	.00073	.00159	-.00059	-.00411	-.00109	.08744	.00660

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.00247	.58713	.00039	-.00087	-.00805	.08171
SDev	.00001	.00011	.00140	.00012	.00037	.00078	.00124
%RSD	378.43	4.6340	.23812	30.380	42.349	9.7123	1.5157
#1	-.00001	-.00239	.58614	.00047	-.00113	-.00860	.08258
#2	.00000	-.00255	.58812	.00030	-.00061	-.00750	.08083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00289	.35656	-.00126	-.00319	2.3599	-.00002	.02132
SDev	.00000	.00163	.00104	.00069	.1290	.00059	.00004
%RSD	.00540	.45721	82.707	21.597	5.4675	2448.9	.19035
#1	.00289	.35540	-.00052	-.00368	2.2687	-.00044	.02135
#2	.00289	.35771	-.00200	-.00270	2.4511	.00039	.02129

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.87948	.00091	-.00674	.00287	-.00345	.00164	-.00712
SDev	.03269	.00304	.00388	.00374	.00036	.00688	.00108
%RSD	3.7175	335.46	57.558	130.33	10.528	418.65	15.201
#1	-.90260	.00306	-.00948	.00551	-.00371	.00651	-.00789
#2	-.85636	-.00125	-.00400	.00022	-.00319	-.00322	-.00635

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00681	-.00811	-.00000	-.00979	5.7784
SDev	.00047	.00049	.00004	.00065	.0203
%RSD	6.8623	6.0125	2779.2	6.6208	.35211
#1	-.00714	-.00846	.00003	-.01024	5.7640
#2	-.00648	-.00777	-.00003	-.00933	5.7928

DL 4/22/04

Analysis Report 04/22/04 01:05:21 PM page 1

Method: 6010B Sample Name: S2032-27 Operator: DR
Run Time: 04/22/04 13:03:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.00484	.00018	-.00286	-.00198	-.03284	.00156
SDev	.00195	.00570	.00113	.00014	.00356	.00402	.00010
%RSD	493.98	117.65	630.31	5.0105	179.28	12.232	6.3380
#1	.00098	-.00887	.00098	-.00276	-.00450	-.03568	.00149
#2	-.00177	-.00081	-.00062	-.00296	.00053	-.03000	.00163

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00282	1.0091	.00053	-.00042	-.00790	-.02102
SDev	.00003	.00007	.0002	.00016	.00060	.00022	.00124
%RSD	106.30	2.4124	.02310	29.783	143.31	2.8239	5.8882
#1	-.00001	-.00277	1.0089	.00064	.00001	-.00806	-.02190
#2	-.00005	-.00287	1.0093	.00042	-.00085	-.00774	-.02015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	.46184	-.00054	-.00323	2.0665	-.00044	.02056
SDev	.00007	.00054	.00036	.00015	.1360	.00047	.00016
%RSD	2.0300	.11766	65.893	4.7216	6.5798	106.08	.78643
#1	.00339	.46222	-.00029	-.00313	1.9704	-.00011	.02067
#2	.00349	.46145	-.00080	-.00334	2.1627	-.00077	.02045

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.90182	-.00303	-.00309	.00239	-.00302	.00300	-.00758
SDev	.02438	.00787	.00508	.00096	.00203	.00325	.00141
%RSD	2.7037	259.78	164.22	40.088	67.208	108.42	18.568
#1	-.88457	-.00860	.00050	.00171	-.00159	.00530	-.00858
#2	-.91906	.00254	-.00669	.00307	-.00446	.00070	-.00659

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00694	-.00742	-.00188	-.00758	5.4889
SDev	.00007	.00122	.00037	.00275	.0112
%RSD	1.0364	16.428	19.872	36.322	.20471
#1	-.00689	-.00829	-.00215	-.00953	5.4969
#2	-.00699	-.00656	-.00162	-.00563	5.4810

04/22/04

Method: 6010B Sample Name: S2032-28 Operator: DR
Run Time: 04/22/04 13:05:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00096	-.00043	-.00127	-.00274	-.00050	-.03207	.00139
SDev	.00299	.00475	.00123	.00225	.00404	.00366	.00005
%RSD	312.68	1102.9	96.417	82.212	809.66	11.404	3.5618
#1	.00116	.00293	-.00214	-.00115	.00236	-.02948	.00142
#2	-.00308	-.00379	-.00041	-.00433	-.00335	-.03466	.00135

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00299	1.0613	.00524	-.00118	-.00762	-.00536
SDev	.00002	.00002	.0019	.00020	.00007	.00039	.01108
%RSD	41.143	.50591	.17564	3.7412	5.6969	5.1153	206.79
#1	-.00003	-.00298	1.0600	.00510	-.00113	-.00790	.00248
#2	-.00005	-.00300	1.0627	.00538	-.00122	-.00735	-.01320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	.44570	-.00007	-.00320	1.9521	-.00085	.02549
SDev	.00000	.00326	.00078	.00011	.2422	.00012	.00028
%RSD	.00215	.73152	1057.5	3.4412	12.406	13.822	1.1116
#1	.00362	.44340	-.00062	-.00328	2.1234	-.00093	.02528
#2	.00362	.44801	.00048	-.00312	1.7809	-.00077	.02569

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.91866	.00060	-.00589	.00484	-.00652	.00561	-.00870
SDev	.00388	.00291	.00631	.00430	.00030	.00133	.00271
%RSD	.42223	487.81	107.02	88.835	4.6648	23.639	31.144
#1	-.92141	.00265	-.00143	.00180	-.00631	.00655	-.00678
#2	-.91592	-.00146	-.01035	.00788	-.00674	.00467	-.01062

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00675	-.00510	-.00168	-.00951	5.3701
SDev	.00013	.00122	.00008	.00034	.0099
%RSD	1.8649	23.935	4.9577	3.6179	.18379
#1	-.00666	-.00423	-.00174	-.00927	5.3770
#2	-.00684	-.00596	-.00162	-.00976	5.3631

04/22/04

Analysis Report 04/22/04 01:09:02 PM page 1

Method: 6010B Sample Name: S2032-29 Operator: DR
Run Time: 04/22/04 13:07:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	-.00766	-.00068	-.00498	-.00092	.02871	.00289
SDev	.00081	.00102	.00039	.00115	.00140	.00182	.00010
%RSD	98.810	13.302	57.833	23.160	151.12	6.3542	3.4262
#1	-.00025	-.00694	-.00095	-.00580	.00006	.03000	.00282
#2	-.00139	-.00838	-.00040	-.00417	-.00191	.02742	.00296

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00264	.58351	-.00024	-.00134	-.00837	.00249
SDev	.00002	.00005	.00280	.00018	.00050	.00056	.00739
%RSD	52.201	1.7678	.47921	74.765	37.362	6.6657	296.29
#1	-.00006	-.00267	.58153	-.00011	-.00170	-.00877	.00772
#2	-.00003	-.00260	.58548	-.00036	-.00099	-.00798	-.00273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	.24359	-.00013	-.00376	2.1672	-.00094	.03611
SDev	.00009	.00326	.00057	.00030	.1662	.00023	.00008
%RSD	4.4188	1.3385	435.53	8.0525	7.6709	24.875	.22408
#1	.00204	.24128	-.00054	-.00398	2.0497	-.00111	.03606
#2	.00217	.24590	.00027	-.00355	2.2848	-.00078	.03617

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.93708	.00019	-.00635	.00436	-.00539	.00641	-.01237
SDev	.00111	.00239	.00898	.00496	.00189	.00890	.00285
%RSD	.11828	1291.1	141.46	113.80	35.082	138.74	23.059
#1	-.93786	-.00151	.00000	.00085	-.00405	.00012	-.01036
#2	-.93630	.00188	-.01270	.00786	-.00672	.01270	-.01439

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00648	-.00919	-.00243	-.01080	4.3889
SDev	.00018	.00006	.00002	.00160	.0181
%RSD	2.7739	.66343	.85657	14.807	.41169
#1	-.00636	-.00924	-.00244	-.00967	4.3762
#2	-.00661	-.00915	-.00241	-.01193	4.4017

DR 4/22/04

Method: 6010B Sample Name: S2032-30 Operator: DR
Run Time: 04/22/04 13:09:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	-.00465	-.00032	-.00156	-.00260	-.03905	.00002
SDev	.00254	.00773	.00154	.00066	.00582	.00184	.00040
%RSD	582.78	166.43	473.88	42.489	224.08	4.7193	1813.2
#1	.00136	.00082	.00076	-.00203	.00152	-.04036	-.00026
#2	-.00223	-.01011	-.00141	-.00109	-.00671	-.03775	.00030

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.00307	1.0627	.00064	-.00113	-.00767	-.03146
SDev	.00003	.00024	.0023	.00137	.00053	.00078	.00860
%RSD	57.285	7.7407	.21928	215.30	47.379	10.213	27.326
#1	-.00007	-.00324	1.0643	-.00033	-.00151	-.00822	-.03754
#2	-.00003	-.00290	1.0610	.00161	-.00075	-.00711	-.02538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	.46434	-.00078	-.00375	1.9781	-.00086	.01911
SDev	.00012	.00625	.00002	.00073	.2055	.00129	.00004
%RSD	4.5019	1.3458	2.6386	19.488	10.386	150.81	.19979
#1	.00250	.45992	-.00077	-.00427	1.8328	-.00177	.01909
#2	.00266	.46876	-.00080	-.00323	2.1234	.00006	.01914

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.95001	-.00104	-.00892	.00051	-.00294	.00322	-.00564
SDev	.06816	.00403	.00940	.00157	.00152	.00205	.00011
%RSD	7.1747	387.14	105.42	307.62	51.825	63.699	1.9584
#1	-.99821	.00181	-.00227	.00162	-.00186	.00177	-.00572
#2	-.90181	-.00389	-.01556	-.00060	-.00402	.00467	-.00557

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00814	.01401	-.00254	-.00888	6.2840
SDev	.00022	.00055	.00056	.00196	.0080
%RSD	2.6524	3.9183	22.059	22.107	.12806
#1	-.00798	.01440	-.00294	-.01027	6.2896
#2	-.00829	.01362	-.00215	-.00750	6.2783

DF 4/22/04

Analysis Report QC Standard 04/22/04 01:13:45 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 13:10:55
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3197	5.4609	5.3714	5.3512	5.1114	10.336	10.167
SDev	.0215	.0452	.0058	.0064	.0002	.051	.037
%RSD	.40337	.82828	.10888	.11912	.00487	.48954	.36533
#1	5.3349	5.4929	5.3673	5.3467	5.1116	10.372	10.193
#2	5.3045	5.4289	5.3756	5.3557	5.1112	10.300	10.140

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25788	2.7083	26.363	1.0286	2.5829	1.2011	4.9499
SDev	.00106	.0091	.105	.0041	.0105	.0031	.0522
%RSD	.41234	.33756	.40002	.40126	.40562	.25991	1.0543
#1	.25863	2.7148	26.438	1.0315	2.5904	1.2033	4.9868
#2	.25712	2.7018	26.289	1.0257	2.5755	1.1989	4.9130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5289	27.369	2.6436	1.2928	26.029	2.4851	2.5633
SDev	.0101	.115	.0077	.0048	.186	.0094	.0066
%RSD	.39839	.41888	.29260	.36955	.71305	.37836	.25763
#1	2.5360	27.450	2.6491	1.2962	25.897	2.4917	2.5680
#2	2.5218	27.288	2.6381	1.2895	26.160	2.4784	2.5587

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.211	5.1743	4.9822	5.3381	5.3862	5.3375	5.3565
SDev	.102	.0035	.0063	.0124	.0027	.0089	.0051
%RSD	.39090	.06752	.12546	.23208	.05057	.16654	.09557
#1	26.284	5.1768	4.9778	5.3293	5.3843	5.3312	5.3529
#2	26.139	5.1719	4.9866	5.3468	5.3881	5.3438	5.3601

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2897	5.2058	5.0044	5.2337	Q5.7603
SDev	.0136	.0072	.0222	.0220	.0148
%RSD	.25775	.13825	.44448	.42029	.25621
#1	5.2994	5.2109	5.0201	5.2492	Q5.7708
#2	5.2801	5.2007	4.9887	5.2181	Q5.7499

12/22/04

Analysis Report QC Standard 04/22/04 01:17:07 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 13:15:18
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203.	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	-.00876	-.00103	-.00224	.00065	-.04139	-.00568
SDev	.00272	.00068	.00033	.00694	.00115	.00439	.00015
%RSD	150.90	7.7523	32.428	309.30	178.76	10.606	2.6108
#1	.00373	-.00828	-.00080	-.00715	-.00017	-.03828	-.00558
#2	-.00012	-.00924	-.00127	.00266	.00146	-.04449	-.00579

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	-.00295	-.00966	-.00083	-.00134	-.00937	-.05322
SDev	.00000	.00017	.00093	.00039	.00023	.00006	.01231
%RSD	.36355	5.7450	9.6444	47.128	17.448	.60531	23.136
#1	-.00007	-.00283	-.01032	-.00111	-.00151	-.00933	-.04451
#2	-.00007	-.00307	-.00901	-.00055	-.00118	-.00941	-.06192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	-.01232	-.00156	-.00284	-.13717	-.00152	-.00167
SDev	.00005	.00163	.00030	.00035	.01390	.00012	.00020
%RSD	7.0945	13.237	19.057	12.323	10.130	7.6796	11.963
#1	.00062	-.01347	-.00135	-.00259	-.12734	-.00144	-.00153
#2	.00069	-.01116	-.00176	-.00309	-.14699	-.00161	-.00181

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-1.0519	-.00123	.00121	.00173	-.00461	.00210	-.00621
SDev	.0161	.00075	.00497	.00413	.00156	.00659	.00711
%RSD	1.5278	60.800	411.22	238.55	33.833	313.33	114.40
#1	-1.0633	-.00070	-.00231	.00465	-.00571	-.00256	-.01124
#2	-1.0405	-.00176	.00472	-.00119	-.00351	.00677	-.00119

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00767	-.02127	-.00243	-.00684	.00131
SDev	.00034	.00116	.00010	.00130	.00835
%RSD	4.4574	5.4484	4.2829	18.954	639.20
#1	-.00742	-.02045	-.00235	-.00592	.00721
#2	-.00791	-.02209	-.00250	-.00775	-.00460

04/22/04

Analysis Report 04/22/04 01:19:00 PM page 1

Method: 6010B Sample Name: S2032-31 Operator: DR
Run Time: 04/22/04 13:17:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	-.00387	.00023	-.00015	-.00375	-.00310	-.00253
SDev	.00305	.00068	.00086	.00226	.00493	.00149	.00015
%RSD	1507.4	17.665	368.19	1499.5	131.54	48.000	5.8529
#1	.00196	-.00339	-.00037	-.00175	-.00026	-.00415	-.00264
#2	-.00236	-.00435	.00084	.00145	-.00723	-.00205	-.00243

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.00302	.98637	.00101	-.00255	-.00901	-.00014
SDev	.00006	.00014	.01142	.00116	.00154	.00179	.02091
%RSD	112.44	4.6909	1.1576	114.34	60.363	19.871	15186.
#1	-.00009	-.00312	.97830	.00019	-.00363	-.01027	-.01492
#2	-.00001	-.00292	.99444	.00183	-.00146	-.00774	.01464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.80362	-.00171	-.00458	2.2402	.00031	.02239
SDev	.00002	.01060	.00151	.00231	.4213	.00176	.00040
%RSD	1.9647	1.3186	88.595	50.392	18.807	576.53	1.7810
#1	.00115	.81111	-.00278	-.00621	1.9423	-.00094	.02211
#2	.00118	.79613	-.00064	-.00295	2.5381	.00155	.02267

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.83168	-.00277	-.00891	.00129	-.00249	.00380	-.00382
SDev	.10806	.00310	.00860	.00391	.00066	.01228	.00259
%RSD	12.993	111.91	96.470	302.22	26.609	322.78	67.799
#1	-.90808	-.00058	-.00283	-.00147	-.00203	-.00488	-.00199
#2	-.75527	-.00496	-.01499	.00406	-.00296	.01248	-.00566

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00652	-.01049	-.00197	-.00783	6.9312
SDev	.00099	.00079	.00008	.00034	.1025
%RSD	15.167	7.5605	4.2183	4.3990	1.4787
#1	-.00582	-.01105	-.00203	-.00807	6.8587
#2	-.00722	-.00993	-.00191	-.00758	7.0036

04/22/04

Analysis Report 04/22/04 01:21:03 PM page 1

Method: 6010B Sample Name: S2032-32 Operator: DR
Run Time: 04/22/04 13:19:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.00459	-.00021	-.00028	-.00104	-.01862	.00079
SDev	.00027	.00020	.00002	.00002	.00424	.00951	.00020
%RSD	513.60	4.4436	8.0738	9.0242	406.31	51.096	24.982
#1	-.00024	-.00445	-.00020	-.00026	-.00404	-.02534	.00065
#2	.00014	-.00473	-.00022	-.00029	.00195	-.01189	.00093

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00269	.47361	.00190	-.00174	-.00834	-.00274
SDev	.00000	.00001	.00023	.00076	.00067	.00051	.02462
%RSD	1.4268	.37190	.04920	40.271	38.342	6.0586	897.47
#1	-.00002	-.00269	.47344	.00136	-.00222	-.00869	-.02016
#2	-.00002	-.00270	.47377	.00244	-.00127	-.00798	.01467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.40478	-.00000	-.00387	2.6669	-.00036	.01977
SDev	.00000	.00625	.00016	.00055	.1742	.00011	.00024
%RSD	.01466	1.5438	12973.	14.111	6.5313	32.251	1.2415
#1	.00069	.40036	-.00012	-.00426	2.5438	-.00028	.01994
#2	.00069	.40920	.00011	-.00349	2.7901	-.00044	.01960

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.98018	-.00257	-.00118	.00129	-.00326	.00476	-.00459
SDev	.03768	.00730	.00190	.00449	.00213	.00757	.00382
%RSD	3.8444	283.97	160.24	348.61	65.257	159.04	83.192
#1	L-1.0068	-.00774	.00016	-.00189	-.00176	-.00059	-.00189
#2	-.95354	.00259	-.00253	.00446	-.00476	.01012	-.00729

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00717	-.01225	-.00193	-.00946	4.6470
SDev	.00032	.00012	.00039	.00099	.0120
%RSD	4.5149	.99532	20.496	10.491	.25813
#1	-.00694	-.01234	-.00221	-.01016	4.6386
#2	-.00740	-.01217	-.00165	-.00876	4.6555

DL 4/22/04

Analysis Report 04/22/04 01:24:07 PM page 1

Method: 6010B Sample Name: S2032-26 Operator: DR
Run Time: 04/22/04 13:21:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	-.00153	.00013	-.00028	-.00313	-.02172	.00387
SDev	.00177	.00752	.00102	.00181	.00045	.00292	.00059
%RSD	1549.7	492.55	758.32	653.53	14.445	13.450	15.336
#1	-.00114	.00379	.00085	-.00155	-.00281	-.02379	.00345
#2	.00136	-.00685	-.00058	.00100	-.00345	-.01966	.00429

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00272	.65831	.00046	-.00113	-.00731	-.01144
SDev	.00001	.00007	.00093	.00057	.00080	.00073	.01970
%RSD	24.133	2.4061	.14159	124.41	71.071	9.9485	172.18
#1	-.00004	-.00268	.65765	.00005	-.00056	-.00782	-.02537
#2	-.00003	-.00277	.65897	.00086	-.00170	-.00679	.00249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	.20805	-.00050	-.00326	2.0627	-.00069	.01883
SDev	.00019	.00081	.00036	.00066	.0184	.00012	.00004
%RSD	9.5924	.39179	71.501	20.252	.89018	16.709	.19338
#1	.00181	.20747	-.00075	-.00372	2.0497	-.00061	.01880
#2	.00207	.20862	-.00025	-.00279	2.0757	-.00077	.01885

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.97313	-.00412	-.00434	.00023	-.00221	.00599	-.00510
SDev	.00000	.00014	.00107	.00081	.00179	.00382	.00094
%RSD	.00000	3.4846	24.633	347.58	80.794	63.772	18.489
#1	-.97313	-.00402	-.00359	-.00034	-.00095	.00329	-.00577
#2	-.97313	-.00422	-.00510	.00081	-.00348	.00869	-.00444

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00667	-.00786	-.00241	-.00990	4.5481
SDev	.00067	.00146	.00037	.00219	.0132
%RSD	9.9702	18.632	15.512	22.087	.29045
#1	-.00714	-.00682	-.00268	-.01145	4.5387
#2	-.00620	-.00889	-.00215	-.00835	4.5574

04/22/04

Analysis Report 04/22/04 01:25:55 PM page 1

Method: 6010B Sample Name: S2032-26D Operator: DR
Run Time: 04/22/04 13:24:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	-.00340	.00005	-.00037	-.00266	-.01732	.00391
SDev	.00177	.00624	.00067	.00138	.00034	.00549	.00044
%RSD	135.88	183.67	1276.8	377.14	12.786	31.666	11.396
#1	.00005	-.00781	-.00042	-.00134	-.00242	-.02120	.00359
#2	.00255	.00102	.00052	.00061	-.00290	-.01344	.00422

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00263	.66013	.00043	-.00073	-.00739	.00336
SDev	.00003	.00011	.00023	.00041	.00057	.00006	.02832
%RSD	187.04	4.1443	.03530	95.906	78.110	.78214	842.94
#1	.00001	-.00255	.65996	.00072	-.00033	-.00743	-.01667
#2	-.00004	-.00271	.66029	.00014	-.00113	-.00735	.02338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.20766	-.00065	-.00366	2.2055	-.00069	.01865
SDev	.00000	.00190	.00182	.00001	.0933	.00012	.00004
%RSD	.00057	.91586	279.20	.33316	4.2302	17.042	.23741
#1	.00201	.20632	.00064	-.00366	2.1395	-.00077	.01868
#2	.00201	.20901	-.00194	-.00365	2.2715	-.00061	.01862

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-1.0002	-.00101	-.00916	.00144	-.00294	.00577	-.00523
SDev	.0006	.00314	.00527	.00224	.00198	.00117	.00149
%RSD	.05541	310.77	57.476	155.59	67.221	20.276	28.454
#1	-.99978	.00121	-.01289	.00303	-.00434	.00494	-.00628
#2	L-1.0006	-.00323	-.00544	-.00014	-.00154	.00659	-.00418

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00777	-.01049	-.00219	-.00916	4.5777
SDev	.00063	.00067	.00035	.00194	.0050
%RSD	8.1034	6.3973	16.124	21.229	.10946
#1	-.00821	-.01001	-.00244	-.01053	4.5812
#2	-.00732	-.01096	-.00194	-.00778	4.5741

04/22/04

Analysis Report 04/22/04 01:28:41 PM page 1

Method: 6010B Sample Name: S2032-26LX5 Operator: DR
Run Time: 04/22/04 13:26:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	-.00579	.00028	-.00369	-.00305	-.03104	-.00344
SDev	.00302	.00122	.00018	.00079	.00243	.00147	.00054
%RSD	429.05	21.086	64.183	21.460	79.453	4.7380	15.819
#1	.00284	-.00493	.00015	-.00313	-.00477	-.03208	-.00306
#2	-.00143	-.00665	.00040	-.00425	-.00134	-.03000	-.00383

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00281	.12413	-.00068	-.00132	-.00842	-.02623
SDev	.00002	.00029	.00000	.00002	.00007	.00028	.02092
%RSD	69.286	10.491	.00000	2.9093	5.0692	3.3384	79.773
#1	-.00005	-.00260	.12413	-.00067	-.00137	-.00861	-.04102
#2	-.00002	-.00301	.12413	-.00069	-.00127	-.00822	-.01143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.03130	-.00072	-.00307	.37831	-.00169	.00214
SDev	.00005	.00190	.00022	.00037	.41041	.00082	.00004
%RSD	5.2445	6.0771	31.021	12.173	108.48	48.660	1.7286
#1	.00085	.02995	-.00088	-.00281	.08811	-.00227	.00212
#2	.00092	.03264	-.00057	-.00334	.66851	-.00111	.00217

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03140	-.00667	.00098	-.00017	-.00180	.00469	-.00967
SDev	.02002	.00178	.01086	.00086	.00084	.00028	.00133
%RSD	63.768	26.709	1106.6	500.39	46.562	6.0760	13.743
#1	.01724	-.00541	-.00670	.00044	-.00239	.00449	-.00873
#2	.04556	-.00793	.00866	-.00078	-.00121	.00490	-.01062

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00704	-.01834	-.00272	-.00712	.92219
SDev	.00133	.00030	.00031	.00069	.00607
%RSD	18.896	1.6631	11.460	9.6646	.65861
#1	-.00798	-.01855	-.00294	-.00761	.91789
#2	-.00610	-.01812	-.00250	-.00664	.92648

CR 4/22/04

Method: 6010B Sample Name: S2032-26S Operator: DR
Run Time: 04/22/04 13:28:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87121	2.2921	1.1309	2.1618	.86134	2.1323	.22182
SDev	.00422	.0406	.0407	.0812	.01125	.0157	.00040
%RSD	.48445	1.7721	3.5965	3.7541	1.3057	.73572	.17835
#1	.87420	2.2633	1.1021	2.1044	.85339	2.1212	.22154
#2	.86823	2.3208	1.1596	2.2192	.86929	2.1434	.22210

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21485	.23336	1.7466	.44014	.21855	.28724	3.0208
SDev	.00015	.00048	.0021	.00128	.00097	.00167	.0235
%RSD	.06761	.20508	.12006	.28977	.44366	.58246	.77650
#1	.21474	.23302	1.7451	.43924	.21786	.28842	3.0042
#2	.21495	.23370	1.7481	.44104	.21923	.28606	3.0374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21906	2.6355	.57248	.08086	5.1163	.31234	.23810
SDev	.00021	.0712	.00018	.00001	.0074	.00516	.00024
%RSD	.09547	2.7010	.03225	.01260	.14550	1.6514	.10088
#1	.21920	2.6858	.57261	.08086	5.1215	.31598	.23793
#2	.21891	2.5852	.57235	.08087	5.1110	.30869	.23827

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5492	.88806	.80461	1.1545	1.1172	2.2073	2.1374
SDev	.1307	.00577	.04533	.0010	.0613	.0064	.1247
%RSD	1.3684	.64952	5.6334	.08643	5.4901	.29011	5.8357
#1	9.6416	.89214	.77256	1.1552	1.0738	2.2119	2.0492
#2	9.4568	.88398	.83666	1.1538	1.1605	2.2028	2.2256

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.43241	.30454	.20362	.79239	5.6680
SDev	.00365	.00317	.00079	.00314	.0079
%RSD	.84419	1.0414	.38790	.39609	.13931
#1	.42983	.30230	.20306	.79017	5.6624
#2	.43499	.30678	.20418	.79461	5.6736

04/22/04

Analysis Report 04/22/04 01:32:45 PM page 1

Method: 6010B Sample Name: S2032-26SD Operator: DR
Run Time: 04/22/04 13:30:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88045	2.3656	1.1615	2.2144	.87661	2.1442	.22287
SDev	.00692	.0283	.0006	.0087	.00067	.0179	.00129
%RSD	.78621	1.1976	.05094	.39410	.07664	.83680	.57717
#1	.87555	2.3455	1.1611	2.2083	.87708	2.1315	.22196
#2	.88534	2.3856	1.1619	2.2206	.87613	2.1569	.22378

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21547	.23371	1.7532	.44135	.21909	.28705	3.0453
SDev	.00124	.00131	.0096	.00212	.00194	.00296	.0184
%RSD	.57653	.56074	.54493	.47971	.88488	1.0321	.60582
#1	.21459	.23279	1.7465	.43985	.21772	.28495	3.0322
#2	.21635	.23464	1.7600	.44285	.22046	.28914	3.0583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21932	2.5915	.57432	.07966	4.6657	.30794	.23918
SDev	.00119	.0160	.00229	.00028	.0898	.00106	.00152
%RSD	.54099	.61857	.39890	.34566	1.9252	.34430	.63637
#1	.21848	2.5802	.57270	.07946	4.7292	.30719	.23810
#2	.22016	2.6028	.57594	.07985	4.6022	.30869	.24025

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5261	.89551	.83554	1.1588	1.1607	2.2139	2.2130
SDev	.0358	.00020	.00162	.0072	.0023	.0115	.0075
%RSD	.37612	.02192	.19440	.62324	.19768	.52026	.33778
#1	9.5008	.89565	.83669	1.1537	1.1624	2.2057	2.2077
#2	9.5515	.89537	.83439	1.1639	1.1591	2.2220	2.2183

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.43610	.30678	.20429	.79663	5.6827
SDev	.00210	.00427	.00116	.00342	.0193
%RSD	.48243	1.3916	.56976	.42957	.33933
#1	.43461	.30376	.20347	.79421	5.6691
#2	.43759	.30980	.20512	.79905	5.6963

04/22/04

Method: 6010B Sample Name: S2032-26A Operator: DR
Run Time: 04/22/04 13:32:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88248	2.3767	1.1693	2.2374	.88192	2.1587	.22304
SDev	.00393	.0288	.0029	.0082	.00436	.0172	.00094
%RSD	.44495	1.2123	.24818	.36722	.49441	.79646	.42149
#1	.87971	2.3564	1.1672	2.2316	.87884	2.1465	.22238
#2	.88526	2.3971	1.1713	2.2432	.88501	2.1709	.22371

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21631	.23503	1.7651	.44341	.22098	.28598	3.0627
SDev	.00084	.00124	.0077	.00186	.00007	.00145	.0037
%RSD	.38589	.52751	.43566	.42004	.03029	.50785	.12037
#1	.21572	.23415	1.7596	.44210	.22103	.28495	3.0600
#2	.21690	.23591	1.7705	.44473	.22093	.28701	3.0653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22039	2.6226	.57947	.07991	4.9678	.30878	.23969
SDev	.00075	.0128	.00040	.00000	.0675	.00012	.00072
%RSD	.33784	.48691	.06883	.00151	1.3586	.03914	.30081
#1	.21986	2.6136	.57919	.07991	5.0156	.30869	.23918
#2	.22092	2.6317	.57976	.07991	4.9201	.30886	.24020

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5776	.90183	.83885	1.1639	1.1700	2.2389	2.2349
SDev	.0285	.00398	.00513	.0017	.0050	.0015	.0114
%RSD	.29708	.44075	.61184	.14305	.43079	.06905	.51030
#1	9.5574	.89902	.83522	1.1651	1.1665	2.2378	2.2269
#2	9.5977	.90464	.84248	1.1627	1.1736	2.2400	2.2430

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.43967	.30954	.20534	.80365	5.7270
SDev	.00187	.00268	.00127	.00047	.0255
%RSD	.42535	.86691	.61748	.05795	.44542
#1	.43835	.30764	.20444	.80332	5.7090
#2	.44099	.31144	.20623	.80398	5.7451

DLL 4/22/04

Method: 6010B Sample Name: S2152-03 Operator: DR
Run Time: 04/22/04 13:34:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00892	.01620	.00116	.00015	.00142	-.00334	.09942
SDev	.00042	.00969	.00071	.00411	.00303	.00330	.00064
%RSD	4.7063	59.795	61.091	2732.4	214.14	98.601	.64692
#1	.00862	.02306	.00167	.00305	.00356	-.00101	.09988
#2	.00922	.00935	.00066	-.00275	-.00073	-.00568	.09897

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00270	38.459	.00951	-.00049	-.00592	.09735
SDev	.00002	.00017	.266	.00031	.00110	.00000	.00616
%RSD	36.840	6.1717	.69071	3.2987	223.84	.01951	6.3252
#1	.00008	-.00258	38.647	.00929	.00029	-.00592	.10170
#2	.00005	-.00282	38.271	.00973	-.00127	-.00592	.09299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16383	7.9780	.00989	-.00302	10.349	.00041	.02164
SDev	.00107	.0315	.00008	.00126	.199	.00000	.00052
%RSD	.65355	.39505	.82605	41.763	1.9229	.07957	2.3982
#1	.16459	8.0003	.00995	-.00391	10.208	.00041	.02200
#2	.16307	7.9557	.00983	-.00213	10.490	.00041	.02127

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66999	.00462	-.00819	.00658	-.00344	.00640	-.00457
SDev	.00211	.00028	.00968	.00353	.00269	.00322	.00455
%RSD	.31458	6.0709	118.11	53.680	78.101	50.321	99.396
#1	.66850	.00442	-.00135	.00408	-.00154	.00867	-.00135
#2	.67149	.00481	-.01503	.00908	-.00534	.00412	-.00778

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00335	.05588	-.00152	-.01577	8.5223
SDev	.00032	.00220	.00015	.00263	.0390
%RSD	9.6489	3.9289	9.6017	16.690	.45789
#1	-.00358	.05743	-.00162	-.01391	8.5499
#2	-.00313	.05433	-.00141	-.01763	8.4947

04/22/04

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 13:41:04
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3246	5.4789	5.3804	5.3622	5.1174	10.311	10.164
SDev	.0043	.0223	.0176	.0213	.0186	.012	.011
%RSD	.08151	.40659	.32759	.39632	.36346	.12016	.10566
#1	5.3216	5.4632	5.3929	5.3773	5.1306	10.319	10.157
#2	5.3277	5.4947	5.3679	5.3472	5.1043	10.302	10.172

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25753	2.7025	26.310	1.0258	2.5765	1.1990	4.9543
SDev	.00008	.0028	.034	.0017	.0035	.0005	.0073
%RSD	.03091	.10514	.13070	.16590	.13685	.04303	.14645
#1	.25758	2.7045	26.334	1.0270	2.5790	1.1986	4.9594
#2	.25747	2.7005	26.285	1.0246	2.5740	1.1994	4.9492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5255	27.286	2.6336	1.2932	26.459	2.4794	2.5605
SDev	.0016	.052	.0006	.0014	.057	.0031	.0004
%RSD	.06495	.18950	.02218	.10584	.21681	.12482	.01443
#1	2.5266	27.322	2.6340	1.2922	26.500	2.4816	2.5602
#2	2.5243	27.249	2.6332	1.2942	26.419	2.4772	2.5607

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.246	5.1696	5.0098	5.3279	5.4046	5.3218	5.3809
SDev	.049	.0253	.0052	.0222	.0153	.0380	.0129
%RSD	.18543	.48964	.10288	.41696	.28372	.71318	.24000
#1	26.280	5.1875	5.0135	5.3436	5.4155	5.3486	5.3900
#2	26.211	5.1517	5.0062	5.3122	5.3938	5.2949	5.3717

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.2952	5.2331	4.9884	5.2316	Q5.7718
SDev	.0047	.0082	.0012	.0070	.0108
%RSD	.08850	.15717	.02407	.13364	.18687
#1	5.2985	5.2273	4.9892	5.2365	Q5.7642
#2	5.2919	5.2389	4.9875	5.2266	Q5.7794

QA 4/22/04

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 13:43:18
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	.00433	.00085	-.00188	.00247	-.03466	-.00547
SDev	.00207	.00590	.00017	.00355	.00113	.00439	.00015
%RSD	100.32	136.29	20.628	188.57	45.764	12.678	2.7060
#1	.00352	.00016	.00097	.00063	.00167	-.03156	-.00537
#2	.00060	.00850	.00073	-.00440	.00327	-.03777	-.00558

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.00285	-.00192	-.00078	-.00153	-.00913	-.01578
SDev	.00001	.00015	.00256	.00004	.00017	.00129	.03816
%RSD	648.45	5.1637	133.48	5.0367	10.924	14.110	241.83
#1	-.00000	-.00275	-.00011	-.00075	-.00141	-.00822	.01120
#2	.00001	-.00296	-.00373	-.00080	-.00165	-.01004	-.04277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	-.01020	-.00054	-.00353	-.07822	-.00144	-.00159
SDev	.00007	.00299	.00039	.00017	.02283	.00047	.00024
%RSD	9.4893	29.295	72.629	4.9611	29.186	32.694	14.827
#1	.00069	-.00809	-.00081	-.00365	-.09436	-.00111	-.00142
#2	.00079	-.01232	-.00026	-.00340	-.06207	-.00177	-.00176

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.08037	.00128	.00164	-.00009	-.00048	.00003	-.00444
SDev	.00422	.00384	.00431	.00154	.00103	.00530	.00268
%RSD	5.2443	299.98	261.93	1647.4	215.33	16742.	60.371
#1	-.08335	-.00144	.00469	-.00118	.00025	.00378	-.00255
#2	-.07739	.00400	-.00140	.00100	-.00121	-.00372	-.00634

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00667	-.02049	-.00219	-.00349	.01215
SDev	.00052	.00238	.00031	.00130	.01033
%RSD	7.8145	11.607	14.227	37.167	84.976
#1	-.00630	-.01881	-.00197	-.00257	.01945
#2	-.00704	-.02217	-.00241	-.00440	.00485

DR 4/22/04

Analysis Report 04/22/04 01:47:20 PM page 1

Method: 6010B Sample Name: S2239-01 Operator: DR
Run Time: 04/22/04 13:45:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05006	.00126	.12477	.01368	.01019	71.753	.42558
SDev	.00443	.00180	.00116	.00329	.00677	.423	.00001
%RSD	8.8420	142.64	.93052	24.080	66.507	.58926	.00168
#1	.05319	-.00001	.12560	.01601	.01498	72.052	.42558
#2	.04693	.00253	.12395	.01135	.00540	71.454	.42557

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00500	.00575	29.588	.12313	.07248	.16924	216.96
SDev	.00008	.00032	.114	.00207	.00092	.00486	.72
%RSD	1.5361	5.5938	.38546	1.6818	1.2649	2.8735	.33011
#1	.00495	.00598	29.668	.12166	.07184	.16580	216.45
#2	.00506	.00552	29.507	.12459	.07313	.17268	217.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4474	23.403	.10803	-.00567	.10956	.17950	.36856
SDev	.0124	.057	.00122	.00302	.94947	.00254	.00155
%RSD	.27909	.24462	1.1264	53.252	866.65	1.4145	.42190
#1	4.4386	23.443	.10717	-.00781	-.56182	.17770	.36746
#2	4.4562	23.362	.10889	-.00354	.78093	.18129	.36966

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.7850	-.00379	.03497	.17893	.09574	-.00992	.02386
SDev	.0628	.00367	.01300	.00434	.00391	.00136	.00426
%RSD	.92503	96.856	37.172	2.4250	4.0808	13.702	17.851
#1	6.7406	-.00119	.04416	.17586	.09850	-.00896	.02687
#2	6.8294	-.00638	.02578	.18200	.09298	-.01088	.02085

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00539	-.01065	3.6401	-.13717	3.4589
SDev	.00212	.00226	.0089	.00226	.0200
%RSD	39.218	21.265	.24411	1.6484	.57965
#1	.00689	-.00905	3.6338	-.13557	3.4731
#2	.00390	-.01225	3.6464	-.13876	3.4447

4/22/04

Method: 6010B Sample Name: S2239-02D Operator: DR
Run Time: 04/22/04 13:47:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03270	.00388	.11799	.01484	.01056	71.394	.35968
SDev	.00130	.00221	.00054	.00035	.00379	.239	.00006
%RSD	3.9739	56.980	.46002	2.3402	35.873	.33543	.01636
#1	.03362	.00232	.11760	.01509	.01324	71.224	.35972
#2	.03178	.00545	.11837	.01460	.00788	71.563	.35964

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00395	.00586	19.749	.09858	.05836	.14877	217.59
SDev	.00011	.00001	.043	.00106	.00028	.00405	1.03
%RSD	2.7415	.24558	.21628	1.0785	.48821	2.7221	.47376
#1	.00387	.00585	19.718	.09783	.05816	.14591	216.86
#2	.00403	.00587	19.779	.09934	.05856	.15164	218.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8031	22.339	.08276	-.00334	-.26292	.18576	.39127
SDev	.0053	.142	.00151	.00165	.83889	.00187	.00374
%RSD	.18816	.63470	1.8240	49.484	319.07	1.0046	.95694
#1	2.7994	22.238	.08382	-.00451	-.85610	.18444	.38862
#2	2.8068	22.439	.08169	-.00217	.33027	.18708	.39391

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4590	.00449	.01951	.18043	.08501	.00174	.01969
SDev	.1314	.00549	.00038	.00130	.00146	.00673	.00374
%RSD	2.9461	122.22	1.9491	.72044	1.7206	387.24	18.982
#1	4.3661	.00837	.01978	.18135	.08398	-.00302	.02233
#2	4.5519	.00061	.01924	.17951	.08605	.00649	.01704

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00501	-.01681	2.6251	-.09952	6.3210
SDev	.00029	.00157	.0041	.00146	.0174
%RSD	5.7412	9.3276	.15653	1.4701	.27462
#1	.00521	-.01570	2.6222	-.09849	6.3087
#2	.00481	-.01792	2.6280	-.10055	6.3333

DL 4/22/04

Analysis Report 04/22/04 01:51:18 PM page 1

Method: 6010B Sample Name: S2239-02B 04/22/04 Operator: DR
Run Time: 04/22/04 13:49:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03388	.00416	.11827	.01008	.00549	71.749	.36080
SDev	.00073	.01016	.00218	.00104	.00005	.075	.00010
%RSD	2.1474	244.13	1.8465	10.323	.92381	.10406	.02663
#1	.03439	.01135	.11982	.01081	.00552	71.696	.36087
#2	.03336	-.00302	.11673	.00934	.00545	71.802	.36073

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00406	.00587	19.854	.10039	.05851	.15159	218.78
SDev	.00001	.00013	.015	.00060	.00095	.00079	.09
%RSD	.20898	2.1705	.07426	.59490	1.6214	.52140	.04341
#1	.00407	.00578	19.844	.10081	.05918	.15215	218.84
#2	.00405	.00596	19.865	.09997	.05784	.15104	218.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8161	22.564	.08239	-.00245	.35963	.18871	.39436
SDev	.0014	.014	.00021	.00034	.09845	.00045	.00071
%RSD	.05102	.06046	.25714	13.704	27.374	.23892	.17887
#1	2.8151	22.554	.08224	-.00221	.42924	.18839	.39387
#2	2.8171	22.573	.08254	-.00269	.29002	.18903	.39486

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5529	-.00242	.01811	.17687	.08722	-.00676	.01688
SDev	.0190	.00229	.00444	.00147	.00254	.00789	.00238
%RSD	.41676	94.807	24.492	.83126	2.9124	116.78	14.111
#1	4.5663	-.00080	.01497	.17791	.08901	-.00118	.01520
#2	4.5395	-.00404	.02125	.17583	.08542	-.01234	.01857

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00337	-.02030	2.6365	-.10147	6.3756
SDev	.00014	.00325	.0030	.00236	.0063
%RSD	4.0155	16.020	.11209	2.3219	.09919
#1	.00347	-.01800	2.6344	-.09980	6.3711
#2	.00327	-.02260	2.6386	-.10313	6.3801

04/22/04

Analysis Report 04/22/04 01:53:19 PM page 1

Method: 6010B Sample Name: S2239-02LX5 Operator: DR
Run Time: 04/22/04 13:51:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01065	-.00026	.03053	.00985	.00853	14.937	.07677
SDev	.00114	.00078	.00173	.00210	.00100	.222	.00111
%RSD	10.725	301.77	5.6815	21.321	11.701	1.4853	1.4470
#1	.00985	-.00081	.03175	.00837	.00923	15.093	.07756
#2	.01146	.00029	.02930	.01134	.00782	14.780	.07599

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00133	4.2633	.02028	.01302	.02830	46.961
SDev	.00005	.00101	.0314	.00194	.00174	.00510	.478
%RSD	4.8200	75.715	.73743	9.5650	13.353	18.032	1.0186
#1	.00092	.00062	4.2856	.01890	.01179	.02469	47.299
#2	.00098	.00205	4.2411	.02165	.01425	.03191	46.623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60538	4.7336	.01768	-.01249	-.43810	.03547	.08716
SDev	.00317	.1569	.00136	.01872	.32520	.00648	.00070
%RSD	.52299	3.3143	7.6673	149.92	74.229	18.266	.80176
#1	.60761	4.6226	.01672	-.02573	-.66805	.03089	.08766
#2	.60314	4.8445	.01863	.00075	-.20815	.04005	.08667

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93333	.00723	.00793	.04311	.02224	.00636	.00990
SDev	.03795	.00263	.00228	.00151	.00185	.00300	.00151
%RSD	4.0661	36.450	28.760	3.5028	8.3001	47.194	15.259
#1	.96016	.00909	.00632	.04418	.02355	.00424	.00883
#2	.90649	.00536	.00954	.04204	.02094	.00848	.01097

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00235	-.00063	.55848	-.01574	1.3930
SDev	.00042	.00029	.00678	.00211	.0210
%RSD	17.969	46.026	1.2142	13.401	1.5070
#1	.00265	-.00084	.56328	-.01723	1.4078
#2	.00205	-.00043	.55369	-.01425	1.3781

4/22/04

Analysis Report 04/22/04 02:03:11 PM page 1

Method: 6010B Sample Name: S2239-03 Operator: DR
Run Time: 04/22/04 14:01:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03699	-.00300	.11382	-.00150	.00586	63.483	.38146
SDev	.00009	.00560	.00044	.00088	.00038	.061	.00034
%RSD	.23824	186.50	.38215	58.472	6.4252	.09592	.08783
#1	.03693	.00096	.11413	-.00212	.00612	63.440	.38122
#2	.03705	-.00696	.11351	-.00088	.00559	63.527	.38169

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00443	.00497	35.024	.09133	.06475	.14927	194.11
SDev	.00001	.00047	.051	.00006	.00003	.00132	.45
%RSD	.21939	9.4950	.14610	.06107	.04869	.88509	.23226
#1	.00442	.00531	34.987	.09137	.06477	.14833	193.79
#2	.00443	.00464	35.060	.09129	.06473	.15020	194.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9569	21.372	.08246	-.00366	.33687	.17667	.34914
SDev	.0057	.012	.00047	.00143	.11757	.00101	.00030
%RSD	.14464	.05586	.56653	38.973	34.903	.57026	.08660
#1	3.9529	21.364	.08279	-.00265	.42001	.17738	.34893
#2	3.9610	21.381	.08213	-.00467	.25373	.17596	.34936

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0920	.00016	.01406	.17161	.08317	-.01228	.00219
SDev	.0039	.00139	.00392	.00081	.00024	.00291	.00028
%RSD	.07644	848.36	27.866	.47514	.29462	23.716	12.922
#1	5.0893	-.00082	.01683	.17219	.08334	-.01434	.00239
#2	5.0948	.00115	.01129	.17104	.08299	-.01022	.00199

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.02449	2.6891	-.11046	7.1128
SDev	.00098	.00046	.0028	.00184	.0082
%RSD	1931.4	1.8971	.10312	1.6686	.11540
#1	.00064	-.02482	2.6871	-.10915	7.1186
#2	-.00074	-.02416	2.6911	-.11176	7.1070

ok 4/22/04

Analysis Report 04/22/04 02:04:55 PM page 1

Method: 6010B Sample Name: S2239-04 Operator: DR
Run Time: 04/22/04 14:03:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04564	-.00341	.16438	-.00208	.00436	60.370	.40313
SDev	.00045	.00131	.00037	.00221	.00018	.008	.00010
%RSD	.98113	38.512	.22489	106.33	4.0896	.01366	.02438
#1	.04533	-.00248	.16464	-.00052	.00449	60.375	.40320
#2	.04596	-.00434	.16412	-.00365	.00424	60.364	.40306

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00415	.00480	34.037	.09340	.06164	.16415	177.13
SDev	.00001	.00023	.026	.00004	.00032	.00001	.13
%RSD	.16231	4.7023	.07644	.03988	.51350	.00636	.07234
#1	.00414	.00464	34.019	.09337	.06142	.16414	177.04
#2	.00415	.00496	34.056	.09343	.06187	.16415	177.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9166	21.763	.08035	-.00400	1.5909	.17358	.36869
SDev	.0034	.024	.00161	.00050	.1591	.00035	.00051
%RSD	.08654	.10858	1.9986	12.451	10.001	.19990	.13879
#1	3.9142	21.746	.08149	-.00365	1.7034	.17333	.36832
#2	3.9190	21.780	.07922	-.00435	1.4784	.17382	.36905

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4341	-.00271	.01533	.21601	.13681	-.01413	.00233
SDev	.0122	.00058	.00063	.00107	.00109	.00047	.00355
%RSD	.18904	21.414	4.0954	.49727	.79709	3.3478	152.29
#1	6.4427	-.00230	.01489	.21525	.13758	-.01446	.00485
#2	6.4255	-.00312	.01577	.21677	.13604	-.01379	-.00018

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00132	-.01164	3.1610	-.12831	7.5089
SDev	.00076	.00064	.0032	.00015	.0057
%RSD	57.461	5.4899	.10054	.11846	.07527
#1	.00186	-.01118	3.1588	-.12820	7.5049
#2	.00079	-.01209	3.1633	-.12842	7.5129

04/22/04

Analysis Report 04/22/04 02:06:52 PM page 1

Method: 6010B Sample Name: S2239-05 Operator: DR
Run Time: 04/22/04 14:05:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04693	-.00463	.15313	-.00254	.00687	63.638	.40149
SDev	.00106	.00349	.00146	.00192	.00309	.073	.00106
%RSD	2.2691	75.390	.95177	75.425	44.895	.11462	.26459
#1	.04617	-.00216	.15209	-.00119	.00469	63.586	.40074
#2	.04768	-.00709	.15416	-.00390	.00905	63.690	.40224

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	.00497	35.491	.10398	.07054	.16337	196.97
SDev	.00000	.00066	.049	.00026	.00025	.00041	.48
%RSD	.00994	13.299	.13684	.25120	.35829	.24981	.24572
#1	.00462	.00543	35.456	.10417	.07036	.16366	196.63
#2	.00462	.00450	35.525	.10380	.07072	.16308	197.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0972	22.876	.08961	-.00408	.89871	.18076	.37308
SDev	.0076	.022	.00120	.00365	.02846	.00021	.00099
%RSD	.18627	.09584	1.3418	89.481	3.1668	.11561	.26499
#1	4.0918	22.861	.08876	-.00150	.87859	.18090	.37238
#2	4.1025	22.892	.09046	-.00667	.91884	.18061	.37378

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6305	.00041	.01661	.21170	.12208	-.01212	.00054
SDev	.0253	.00245	.00435	.00254	.00345	.00122	.00363
%RSD	.38157	597.30	26.214	1.2004	2.8290	10.076	669.00
#1	6.6126	-.00132	.01353	.21350	.11964	-.01299	.00311
#2	6.6484	.00214	.01969	.20990	.12452	-.01126	-.00202

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.02256	3.2256	-.13237	5.8142
SDev	.00078	.00006	.0048	.00277	.0036
%RSD	839.06	.25743	.14997	2.0957	.06249
#1	-.00046	-.02260	3.2222	-.13041	5.8168
#2	.00064	-.02252	3.2290	-.13433	5.8116

DK 4/22/04

Analysis Report 04/22/04 02:09:11 PM page 1

Method: 6010B Sample Name: S2239-02S Operator: DR
Run Time: 04/22/04 14:07:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76472	1.8167	1.0433	1.8624	.75628	63.080	2.2834
SDev	.00285	.0092	.0006	.0031	.00249	.065	.0016
%RSD	.37279	.50744	.06235	.16551	.32965	.10365	.06996
#1	.76271	1.8102	1.0438	1.8645	.75804	63.034	2.2822
#2	.76674	1.8232	1.0429	1.8602	.75452	63.126	2.2845

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19250	.18972	22.075	.46610	.23693	.41629	177.69
SDev	.00030	.00077	.019	.00086	.00016	.00192	.31
%RSD	.15815	.40569	.08643	.18410	.06671	.46229	.17321
#1	.19229	.18918	22.061	.46549	.23682	.41493	177.47
#2	.19272	.19027	22.088	.46671	.23704	.41765	177.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7573	17.907	.53266	.08951	3.2827	.45609	.51909
SDev	.0043	.036	.00024	.00057	.1302	.00127	.00040
%RSD	.15548	.19998	.04543	.63593	3.9655	.27783	.07795
#1	2.7543	17.881	.53249	.08911	3.1906	.45520	.51880
#2	2.7604	17.932	.53284	.08992	3.3747	.45699	.51938

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.745	.74432	.77702	1.0840	1.0207	1.8282	1.8776
SDev	.093	.00461	.00176	.0034	.0006	.0009	.0051
%RSD	.73298	.61986	.22580	.31250	.05629	.05036	.27061
#1	12.811	.74759	.77578	1.0864	1.0203	1.8276	1.8812
#2	12.679	.74106	.77826	1.0816	1.0212	1.8289	1.8740

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36708	.23746	2.6166	.54428	8.8712
SDev	.00076	.00168	.0043	.00464	.0153
%RSD	.20740	.70923	.16554	.85178	.17291
#1	.36654	.23627	2.6136	.54100	8.8604
#2	.36761	.23865	2.6197	.54756	8.8821

DR 4/22/04

Analysis Report 04/22/04 02:11:36 PM page 1

Method: 6010B Sample Name: S2239-02SD Operator: DR
Run Time: 04/22/04 14:09:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76064	1.8177	1.0379	1.8602	.75285	62.901	2.2843
SDev	.00658	.0020	.0041	.0074	.00661	.073	.0019
%RSD	.86548	.10989	.39675	.39781	.87768	.11542	.08486
#1	.76530	1.8163	1.0408	1.8654	.75752	62.850	2.2829
#2	.75599	1.8191	1.0350	1.8549	.74818	62.953	2.2857

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19180	.18972	21.926	.46419	.23550	.41325	176.30
SDev	.00004	.00006	.007	.00035	.00028	.00091	.18
%RSD	.01900	.03297	.03363	.07636	.12102	.21988	.10253
#1	.19177	.18968	21.920	.46394	.23530	.41261	176.17
#2	.19182	.18976	21.931	.46444	.23570	.41390	176.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7455	17.809	.52977	.07150	2.9907	.45402	.51561
SDev	.0011	.003	.00196	.00056	.1204	.00046	.00005
%RSD	.03924	.01778	.37000	.78635	4.0250	.10212	.00924
#1	2.7447	17.811	.53116	.07190	3.0758	.45369	.51557
#2	2.7462	17.806	.52838	.07111	2.9056	.45435	.51564

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.459	.74440	.76657	1.0851	1.0119	1.8311	1.8729
SDev	.004	.01115	.00248	.0075	.0024	.0049	.0087
%RSD	.03124	1.4971	.32352	.69071	.24031	.26543	.46280
#1	12.456	.75228	.76482	1.0904	1.0136	1.8345	1.8790
#2	12.462	.73652	.76833	1.0798	1.0102	1.8277	1.8667

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36782	.23779	2.6062	.53992	8.8976
SDev	.00137	.00052	.0024	.00154	.0007
%RSD	.37257	.21960	.09087	.28505	.00756
#1	.36879	.23742	2.6045	.53883	8.8981
#2	.36685	.23816	2.6079	.54100	8.8971

CL 4/22/04

Analysis Report 04/22/04 02:13:45 PM page 1

Method: 6010B Sample Name: S2239-02A Operator: DR
Run Time: 04/22/04 14:11:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75710	1.8223	1.0360	1.8517	.75045	62.624	2.2787
SDev	.00785	.0048	.0002	.0024	.00191	.258	.0104
%RSD	1.0370	.26284	.02327	.13168	.25412	.41154	.45737
#1	.76265	1.8257	1.0359	1.8535	.75180	62.806	2.2861
#2	.75154	1.8189	1.0362	1.8500	.74911	62.441	2.2714

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19111	.18873	21.837	.46225	.23378	.41115	175.24
SDev	.00083	.00147	.076	.00168	.00139	.00190	.68
%RSD	.43281	.77715	.34851	.36324	.59498	.46184	.38652
#1	.19170	.18977	21.891	.46344	.23476	.41249	175.72
#2	.19053	.18769	21.783	.46106	.23279	.40981	174.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7334	17.723	.52601	.06975	2.5753	.45172	.51405
SDev	.0112	.054	.00231	.00088	.3877	.00208	.00312
%RSD	.40813	.30514	.43833	1.2637	15.055	.46068	.60604
#1	2.7413	17.762	.52764	.07037	2.8495	.45319	.51625
#2	2.7255	17.685	.52438	.06912	2.3012	.45025	.51185

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.410	.74102	.76614	1.0782	1.0127	1.8234	1.8641
SDev	.029	.00111	.00351	.0044	.0017	.0085	.0079
%RSD	.23523	.14960	.45767	.40920	.16784	.46508	.42324
#1	12.431	.74181	.76862	1.0750	1.0139	1.8174	1.8696
#2	12.390	.74024	.76366	1.0813	1.0115	1.8294	1.8585

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36559	.23569	2.5964	.53978	8.8787
SDev	.00174	.00035	.0090	.00302	.0433
%RSD	.47663	.14784	.34614	.55968	.48801
#1	.36682	.23594	2.6028	.54192	8.9093
#2	.36436	.23545	2.5901	.53765	8.8480

04/22/04

Analysis Report QC Standard 04/22/04 02:17:06 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 14:15:11
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9086	4.8871	4.9198	4.9933	4.9676	9.7869	9.9630
SDev	.0099	.0127	.0003	.0069	.0069	.0386	.0528
%RSD	.20135	.25894	.00563	.13748	.13821	.39470	.52970
#1	4.9156	4.8961	4.9196	4.9982	4.9627	9.8142	10.000
#2	4.9016	4.8782	4.9200	4.9885	4.9724	9.7595	9.9257

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24825	2.4348	24.263	.97567	2.4254	1.2429	4.9858
SDev	.00091	.0077	.083	.00267	.0068	.0049	.0342
%RSD	.36500	.31720	.34316	.27336	.27894	.39165	.68646
#1	.24889	2.4402	24.322	.97756	2.4302	1.2464	5.0100
#2	.24761	2.4293	24.204	.97379	2.4206	1.2395	4.9616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4741	23.898	2.4383	1.2447	22.702	2.4427	2.4678
SDev	.0085	.056	.0092	.0048	.051	.0071	.0043
%RSD	.34201	.23344	.37848	.38176	.22607	.28944	.17257
#1	2.4801	23.937	2.4448	1.2481	22.738	2.4477	2.4708
#2	2.4681	23.858	2.4318	1.2413	22.665	2.4377	2.4648

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.538	4.9352	5.0292	4.8656	4.9449	4.9435	5.0166
SDev	.172	.0061	.0084	.0008	.0000	.0107	.0049
%RSD	.72965	.12378	.16666	.01660	.00023	.21709	.09836
#1	23.659	4.9309	5.0233	4.8650	4.9448	4.9511	5.0201
#2	23.417	4.9395	5.0352	4.8661	4.9449	4.9359	5.0131

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.8882	4.9937	4.9164	4.8217	4.9899
SDev	.0124	.0073	.0159	.0076	.0270
%RSD	.25438	.14653	.32319	.15683	.54203
#1	4.8970	4.9988	4.9276	4.8271	5.0090
#2	4.8794	4.9885	4.9052	4.8164	4.9707

04/22/04

Analysis Report QC Standard 04/22/04 02:24:26 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 14:17:43
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	-.00023	.00300	.00141	.00706	.03006	.00446
SDev	.00134	.00000	.00334	.00115	.00002	.00826	.00121
%RSD	37.852	1.5057	111.51	81.850	.24034	27.489	27.200
#1	.00259	-.00023	Q.00536	.00059	.00705	.03590	.00532
#2	.00449	-.00023	.00063	.00222	.00707	.02421	.00360

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00213	.01155	.00046	.00171	-.00043	.02415
SDev	.00004	.00044	.00542	.00052	.00047	.00112	.00000
%RSD	13.743	20.791	46.941	112.60	27.711	259.98	.01150
#1	.00029	.00244	.01538	.00009	.00205	.00036	.02415
#2	.00024	.00181	.00771	.00083	.00138	-.00122	.02415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00223	.00142	.00137	.00116	-.44404	.00052	.00107
SDev	.00061	.00317	.00017	.00048	.02473	.00034	.00069
%RSD	27.132	223.55	12.521	41.161	5.5689	65.066	64.927
#1	.00266	.00366	.00149	.00082	-.42655	.00076	.00156
#2	.00180	-.00082	.00125	.00150	-.46153	.00028	.00058

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14584	.00631	.00537	.00574	-.00037	.00036	.00013
SDev	.00243	.00013	.00021	.00185	.00409	.00198	.00074
%RSD	1.6681	2.0706	3.9249	32.240	1105.9	549.34	559.68
#1	.14756	.00621	.00551	.00705	.00252	-.00104	-.00039
#2	.14412	.00640	.00522	.00443	-.00326	.00176	.00065

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00549	.01107	.00286	.00404	-.00486
SDev	.00259	.00523	.00047	.00329	.00363
%RSD	47.166	47.204	16.292	81.389	74.718
#1	.00732	.01477	.00319	.00636	-.00229
#2	.00366	.00738	.00253	.00171	-.00743

DR 4/22/04

Analysis Report 04/22/04 02:26:18 PM page 1

Method: 6010B Sample Name: S2239-06 Operator: DR
Run Time: 04/22/04 14:24:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02698	.00456	.13409	.00342	.00597	53.030	.32809
SDev	.00218	.00411	.00001	.00099	.00444	.175	.00092
%RSD	8.0764	90.240	.00959	28.952	74.326	.32959	.28036
#1	.02853	.00165	.13410	.00412	.00283	53.153	.32874
#2	.02544	.00747	.13408	.00272	.00911	52.906	.32744

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00333	.00436	22.192	.07879	.05937	.13007	152.69
SDev	.00002	.00002	.030	.00056	.00095	.00119	.18
%RSD	.67515	.52368	.13678	.71055	1.5980	.91382	.12001
#1	.00332	.00438	22.214	.07918	.06004	.13091	152.82
#2	.00335	.00434	22.171	.07839	.05870	.12923	152.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4974	14.953	.06779	-.00342	.53614	.14865	.32888
SDev	.0033	.008	.00003	.00000	.00093	.00001	.00047
%RSD	.13301	.05050	.05091	.10516	.17404	.00561	.14133
#1	2.4997	14.959	.06781	-.00341	.53680	.14865	.32921
#2	2.4950	14.948	.06777	-.00342	.53548	.14864	.32855

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9512	.00103	.01266	.18372	.10752	-.00815	.00749
SDev	.0409	.00823	.00315	.00364	.00184	.00349	.00337
%RSD	1.0344	796.86	24.924	1.9814	1.7082	42.827	44.935
#1	3.9801	-.00479	.01489	.18114	.10881	-.01062	.00987
#2	3.9223	.00685	.01043	.18629	.10622	-.00568	.00511

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00184	-.01114	1.9888	-.07904	6.8681
SDev	.00078	.00076	.0036	.00302	.0152
%RSD	42.311	6.7750	.18321	3.8219	.22139
#1	.00129	-.01061	1.9913	-.07691	6.8788
#2	.00239	-.01168	1.9862	-.08118	6.8573

DR 4/22/04

Analysis Report 04/22/04 02:28:07 PM

Method: 6010B Sample Name: S2239-07 Operator: DR
Run Time: 04/22/04 14:26:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03115	-.00773	.13246	-.00233	.00832	55.766	.36263
SDev	.00111	.00266	.00208	.00042	.00157	.289	.00042
%RSD	3.5518	34.385	1.5696	18.081	18.911	.51763	.11577
#1	.03037	-.00961	.13099	-.00203	.00721	55.562	.36233
#2	.03193	-.00585	.13393	-.00263	.00943	55.971	.36292

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00357	.00474	20.905	.08896	.04848	.12816	163.04
SDev	.00002	.00006	.080	.00080	.00010	.00121	1.67
%RSD	.62564	1.1502	.38271	.90200	.19583	.94173	1.0272
#1	.00355	.00470	20.849	.08839	.04841	.12902	161.85
#2	.00358	.00478	20.962	.08952	.04854	.12731	164.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5384	15.524	.06447	-.00135	.40186	.16632	.40317
SDev	.0139	.072	.00033	.00263	.12271	.00007	.00239
%RSD	.54651	.46606	.51086	194.57	30.535	.04115	.59204
#1	2.5286	15.473	.06470	.00051	.48863	.16627	.40148
#2	2.5482	15.576	.06424	-.00321	.31509	.16637	.40486

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5123	.00148	.01883	.18784	.10302	-.00728	-.00146
SDev	.0151	.00080	.00313	.00004	.00310	.00297	.00085
%RSD	.33425	53.969	16.621	.01941	3.0082	40.778	58.193
#1	4.5016	.00091	.01662	.18782	.10083	-.00518	-.00206
#2	4.5230	.00204	.02104	.18787	.10521	-.00938	-.00086

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00201	-.01414	2.4217	-.09750	6.5989
SDev	.00027	.00256	.0187	.00067	.0675
%RSD	13.489	18.070	.77064	.68203	1.0236
#1	.00220	-.01233	2.4085	-.09703	6.6467
#2	.00182	-.01595	2.4349	-.09798	6.5511

JW 4/22/04

Analysis Report 04/22/04 02:29:54 PM page 1

Method: 6010B Sample Name: S2239-08 Operator: DR
Run Time: 04/22/04 14:28:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03519	-.00763	.16494	-.00175	.00868	59.468	.37228
SDev	.00064	.00324	.00095	.00131	.00099	.118	.00005
%RSD	1.8206	42.477	.57718	75.163	11.410	.19901	.01289
#1	.03565	-.00534	.16426	-.00267	.00798	59.552	.37231
#2	.03474	-.00992	.16561	-.00082	.00938	59.384	.37225

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00387	.00467	26.831	.25534	.05450	.15993	171.91
SDev	.00002	.00035	.020	.00095	.00060	.00011	.05
%RSD	.55566	7.5505	.07435	.37267	1.1020	.06760	.02902
#1	.00385	.00442	26.845	.25467	.05408	.15986	171.95
#2	.00388	.00492	26.816	.25601	.05493	.16001	171.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.0688	18.265	.13557	-.00410	.92345	.17616	.38719
SDev	.0013	.004	.00122	.00024	.15210	.00046	.00001
%RSD	.04096	.02134	.90187	5.7741	16.471	.25855	.00297
#1	3.0696	18.267	.13470	-.00426	.81590	.17584	.38718
#2	3.0679	18.262	.13643	-.00393	1.0310	.17648	.38719

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5289	.00406	.01472	.21984	.13573	-.00944	.00050
SDev	.0331	.00437	.00579	.00298	.00291	.00161	.00277
%RSD	.59839	107.73	39.313	1.3531	2.1457	17.014	556.36
#1	5.5055	.00097	.01881	.22194	.13367	-.00831	-.00146
#2	5.5523	.00715	.01063	.21773	.13779	-.01058	.00246

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00400	-.01090	2.5977	-.10323	5.1696
SDev	.00052	.00064	.0013	.00025	.0048
%RSD	13.096	5.8623	.05065	.23928	.09370
#1	.00363	-.01045	2.5986	-.10340	5.1662
#2	.00438	-.01135	2.5968	-.10305	5.1730

04/22/04

Analysis Report 04/22/04 02:31:55 PM page 1

Method: 6010B Sample Name: S2239-09 Operator: DR
Run Time: 04/22/04 14:30:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03727	-.00521	.16616	-.00130	.00601	66.114	.41568
SDev	.00399	.00107	.00195	.00023	.00002	.095	.00000
%RSD	10.709	20.463	1.1718	17.887	.34412	.14363	.00005
#1	.04010	-.00446	.16478	-.00146	.00603	66.047	.41568
#2	.03445	-.00597	.16753	-.00113	.00600	66.181	.41568

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00438	.00502	27.765	.10460	.05972	.15905	184.57
SDev	.00000	.00034	.022	.00050	.00095	.00089	.02
%RSD	.02298	6.6977	.07966	.48158	1.5886	.56283	.01194
#1	.00438	.00526	27.749	.10496	.05905	.15969	184.59
#2	.00438	.00478	27.780	.10424	.06039	.15842	184.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3721	19.881	.08135	-.00229	.83867	.18977	.46676
SDev	.0016	.016	.00017	.00284	.04526	.00046	.00093
%RSD	.04794	.07842	.21063	124.15	5.3963	.24110	.19857
#1	3.3710	19.892	.08147	-.00028	.87067	.19009	.46611
#2	3.3733	19.870	.08123	-.00430	.80667	.18944	.46742

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6583	.00028	.01430	.22604	.13446	-.00842	.00066
SDev	.0545	.00062	.00117	.00642	.00613	.00426	.00247
%RSD	.96305	221.42	8.1876	2.8411	4.5554	50.604	373.67
#1	5.6198	.00071	.01347	.23058	.13013	-.00541	-.00109
#2	5.6968	-.00016	.01513	.22150	.13879	-.01143	.00241

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.01697	2.8898	-.11746	7.8090
SDev	.00034	.00087	.0003	.00042	.0081
%RSD	109.83	5.1318	.01121	.35588	.10338
#1	.00055	-.01636	2.8896	-.11775	7.8147
#2	.00007	-.01759	2.8901	-.11716	7.8033

04/22/04

Analysis Report QC Standard 04/22/04 02:36:03 PM page 1

Method: 6010B Sample Name: PB13728BL Operator: DR
Run Time: 04/22/04 14:33:21
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00083	.00126	.00329	.00509	.10945	.00036
SDev	.00058	.00298	.00066	.00105	.00101	.05282	.00011
%RSD	62.772	356.96	52.129	31.866	19.775	48.255	29.006
#1	.00051	.00294	.00080	.00403	.00437	.14680	.00029
#2	.00133	-.00127	.00173	.00255	.00580	.07210	.00044

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00044	.00440	.00016	.00055	-.00103	-.00316
SDev	.00001	.00008	.00071	.00024	.00003	.00029	.01656
%RSD	11.673	17.733	16.165	153.57	6.1502	27.762	523.68
#1	.00007	.00038	.00490	.00032	.00053	-.00124	-.01487
#2	.00008	.00049	.00389	-.00001	.00057	-.00083	.00855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.00935	.00016	.00062	-.20960	-.00040	-.00143
SDev	.00005	.00272	.00024	.00055	.06700	.00024	.00061
%RSD	5.5150	29.062	152.82	88.273	31.966	58.859	42.606
#1	.00082	.01127	.00032	.00101	-.16222	-.00024	-.00100
#2	.00089	.00743	-.00001	.00023	-.25698	-.00057	-.00186

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03281	.00321	.00563	.00011	.00004	.00309	.00179
SDev	.02117	.00090	.00122	.00017	.00090	.00351	.00332
%RSD	64.546	27.948	21.678	160.09	2307.6	113.77	185.46
#1	-.01783	.00258	.00477	-.00001	-.00060	.00060	.00414
#2	-.04778	.00385	.00649	.00023	.00068	.00557	-.00056

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.01440	.00073	.00441	.00796
SDev	.00028	.00417	.00028	.00034	.00082
%RSD	42.744	28.933	37.492	7.7879	10.332
#1	.00085	.01734	.00054	.00417	.00738
#2	.00046	.01145	.00093	.00466	.00854

04/22/04

Analysis Report 04/22/04 02:38:06 PM page 1

Method: 6010B Sample Name: S2136-01 Operator: DR
Run Time: 04/22/04 14:36:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00484	.00234	.00247	.00412	.06204	-.00031
SDev	.00125	.00184	.00274	.00064	.00162	.00150	.00021
%RSD	1209.8	38.053	117.36	26.090	39.446	2.4126	68.402
#1	.00099	.00614	.00428	.00292	.00297	.06099	-.00016
#2	-.00078	.00354	.00040	.00201	.00527	.06310	-.00046

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00031	.00373	.00016	.00100	-.00079	.00269
SDev	.00002	.00020	.00024	.00036	.00007	.00063	.01064
%RSD	23.429	67.036	6.3573	230.44	6.7308	79.369	395.62
#1	.00008	.00045	.00389	-.00010	.00105	-.00123	.01022
#2	.00006	.00016	.00356	.00041	.00096	-.00035	-.00484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00781	-.00031	.00079	.16209	-.00032	-.00200
SDev	.00009	.00109	.00007	.00031	.06863	.00012	.00004
%RSD	15.218	13.912	23.251	39.495	42.343	37.165	1.9470
#1	.00069	.00858	-.00036	.00057	.21062	-.00024	-.00197
#2	.00055	.00705	-.00026	.00101	.11356	-.00040	-.00203

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02471	.00382	.00152	.00205	.00068	.00798	-.00198
SDev	.01316	.00232	.00024	.00080	.00451	.00182	.00201
%RSD	53.263	60.689	15.711	38.834	662.44	22.777	101.64
#1	-.03402	.00218	.00135	.00149	.00387	.00670	-.00056
#2	-.01541	.00545	.00169	.00261	-.00251	.00927	-.00341

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00983	.00072	.00468	.00436
SDev	.00026	.00093	.00004	.00093	.00263
%RSD	80.392	9.4919	5.8881	19.851	60.437
#1	.00051	.01048	.00075	.00534	.00622
#2	.00014	.00917	.00069	.00403	.00249

04/16/04

Analysis Report QC Standard 04/22/04 02:40:18 PM page 1

Method: 6010B Sample Name: PB13831BL Operator: DR
Run Time: 04/22/04 14:38:30
Comment: PBS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	-.00022	-.00055	.00130	.00477	.07899	-.00075
SDev	.00155	.00446	.00072	.00069	.00052	.01199	.00021
%RSD	204.52	2057.8	130.74	53.436	10.852	15.174	27.906
#1	.00034	-.00337	-.00105	.00081	.00513	.08747	-.00060
#2	-.00186	.00294	-.00004	.00179	.00440	.07052	-.00090

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00003	.00105	-.00031	.00014	-.00172	-.01153
SDev	.00001	.00007	.00071	.00038	.00074	.00023	.00946
%RSD	26.157	236.45	67.931	122.42	516.24	13.293	82.066
#1	.00003	-.00002	.00155	-.00058	-.00038	-.00156	-.00484
#2	.00002	.00008	.00054	-.00004	.00067	-.00188	-.01821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00224	.00008	-.00075	-.24773	-.00032	-.00274
SDev	.00002	.00299	.00051	.00084	.18956	.00036	.00004
%RSD	5.4016	133.40	683.77	110.62	76.519	111.12	1.5249
#1	.00042	.00435	.00044	-.00016	-.11369	-.00007	-.00277
#2	.00045	.00013	-.00029	-.00135	-.38177	-.00057	-.00271

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07651	.00445	.00219	.00273	-.00398	.00250	-.00090
SDev	.00515	.00463	.00773	.00359	.00287	.00223	.00216
%RSD	6.7320	104.06	352.32	131.44	71.930	89.398	239.61
#1	-.07287	.00773	-.00327	.00527	-.00601	.00408	-.00242
#2	-.08015	.00118	.00766	.00019	-.00196	.00092	.00062

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.00574	.00076	.00489	.00680
SDev	.00034	.00473	.00044	.00024	.00346
%RSD	62.656	82.368	58.191	4.9664	50.819
#1	.00030	.00908	.00108	.00471	.00924
#2	.00077	.00240	.00045	.00506	.00436

04/23/04

Analysis Report QC Standard 04/22/04 02:42:40 PM page 1

Method: 6010B Sample Name: PB13816BL Operator: DR
Run Time: 04/22/04 14:40:29
Comment: PBW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.00364	.00103	-.00289	.00277	.07821	-.00116
SDev	.00216	.00609	.00112	.00030	.00095	.00560	.00005
%RSD	170.86	167.35	108.37	10.311	34.303	7.1645	4.5255
#1	.00280	.00794	.00182	-.00268	.00344	.07424	-.00112
#2	-.00026	-.00067	.00024	-.00310	.00210	.08217	-.00120

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00008	.00088	-.00003	.00086	-.00208	-.00485
SDev	.00001	.00017	.00095	.00018	.00101	.00051	.00238
%RSD	42.379	218.86	107.84	647.39	117.75	24.692	49.145
#1	.00004	-.00020	.00155	.00010	.00158	-.00172	-.00653
#2	.00002	.00004	.00021	-.00015	.00014	-.00245	-.00316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00551	-.00083	-.00044	-.25852	.00044	-.00337
SDev	.00005	.00000	.00047	.00087	.55670	.00119	.00012
%RSD	11.183	.00000	57.219	195.74	215.34	272.31	3.5934
#1	.00045	.00551	-.00116	.00017	.13513	.00128	-.00328
#2	.00039	.00551	-.00049	-.00106	-.65216	-.00040	-.00345

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04616	.00174	.00162	.00260	-.00155	.00381	-.00783
SDev	.03777	.00118	.00049	.00002	.00166	.00038	.00026
%RSD	81.827	67.732	30.023	.80037	107.32	10.050	3.2649
#1	-.01945	.00258	.00196	.00261	-.00037	.00408	-.00765
#2	-.07287	.00091	.00127	.00258	-.00273	.00354	-.00801

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00596	.00045	.00273	.00214
SDev	.00030	.00155	.00021	.00034	.00378
%RSD	79.039	26.095	47.083	12.607	176.39
#1	.00059	.00706	.00060	.00248	.00482
#2	.00017	.00486	.00030	.00297	-.00053

CL 4/22/04

Analysis Report QC Standard 04/22/04 02:45:12 PM page 1

Method: 6010B Sample Name: PB138313S Operator: DR
Run Time: 04/22/04 14:42:57
Comment: LCSS
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74836	1.8912	.95794	1.8663	.71318	1.7330	1.8497
SDev	.00351	.0072	.00411	.0076	.00701	.0045	.0048
%RSD	.46853	.38180	.42941	.40774	.98274	.26022	.25835
#1	.74588	1.8861	.96085	1.8717	.71814	1.7298	1.8463
#2	.75084	1.8963	.95504	1.8609	.70823	1.7361	1.8531

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18777	.19298	4.6710	.38068	.19146	.27497	2.7218
SDev	.00070	.00024	.0102	.00167	.00084	.00131	.0024
%RSD	.37294	.12242	.21809	.43876	.44058	.47812	.08766
#1	.18727	.19281	4.6638	.37950	.19087	.27404	2.7235
#2	.18826	.19314	4.6782	.38186	.19206	.27590	2.7201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19111	1.8698	.48017	.07106	2.6741	.27697	.20109
SDev	.00061	.0106	.00014	.00059	.0387	.00119	.00052
%RSD	.32027	.56687	.03000	.82568	1.4489	.43056	.25971
#1	.19068	1.8623	.48027	.07064	2.7015	.27613	.20073
#2	.19154	1.8773	.48006	.07147	2.6467	.27781	.20146

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7397	.70723	.72190	.94739	.96122	1.8508	1.8724
SDev	.0556	.01064	.00027	.00778	.00229	.0184	.0022
%RSD	.63596	1.5050	.03775	.82089	.23767	.99307	.11923
#1	8.7004	.71476	.72170	.95289	.96283	1.8638	1.8740
#2	8.7790	.69971	.72209	.94189	.95960	1.8378	1.8709

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.35489	.27620	.17619	.64600	Q.63946
SDev	.00117	.00062	.00032	.00115	.00724
%RSD	.33018	.22510	.17995	.17839	1.1319
#1	.35406	.27664	.17597	.64519	Q.64458
#2	.35572	.27576	.17642	.64682	Q.63434

04/22/04

Analysis Report QC Standard 04/22/04 02:47:18 PM page 1

Method: 6010B Sample Name: PB13816BS Operator: DR
Run Time: 04/22/04 14:45:24
Comment: LCSW
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74653	1.8964	.96046	1.8724	.71769	1.7332	1.8490
SDev	.00585	.0120	.00225	.0019	.00103	.0109	.0063
%RSD	.78395	.63112	.23377	.10413	.14321	.62762	.34080
#1	.74239	1.8879	.96205	1.8710	.71842	1.7255	1.8445
#2	.75067	1.9048	.95888	1.8737	.71696	1.7409	1.8534

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18788	.19298	4.6691	.38100	.19246	.27561	2.7126
SDev	.00064	.00018	.0180	.00181	.00064	.00017	.0130
%RSD	.33844	.09480	.38561	.47492	.33301	.06271	.47872
#1	.18743	.19285	4.6564	.37972	.19201	.27549	2.7034
#2	.18833	.19311	4.6819	.38228	.19292	.27573	2.7218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19100	1.8717	.48156	.07153	Q2.5175	.27754	.20101
SDev	.00082	.0024	.00070	.00016	.1970	.00143	.00008
%RSD	.43157	.13068	.14529	.22373	7.8260	.51551	.03773
#1	.19041	1.8700	.48107	.07164	2.6568	.27663	.20096
#2	.19158	1.8734	.48206	.07142	Q2.3782	.27865	.20106

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7685	.71526	.71937	.95477	.96131	1.8625	1.8757
SDev	.0066	.00251	.00195	.00176	.00249	.0031	.0014
%RSD	.07561	.35138	.27073	.18414	.25886	.16449	.07430
#1	8.7638	.71703	.71799	.95601	.96307	1.8603	1.8747
#2	8.7732	.71348	.72074	.95352	.95955	1.8647	1.8767

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.35527	.27835	.17627	.64882	Q.63760
SDev	.00164	.00180	.00068	.00303	.00164
%RSD	.46071	.64775	.38370	.46741	.25800
#1	.35411	.27707	.17579	.64667	Q.63644
#2	.35643	.27962	.17675	.65096	Q.63876

04/22/04

Analysis Report QC Standard 04/22/04 02:50:25 PM page 1

Method: 6010B Sample Name: CCV Operator: DR
Run Time: 04/22/04 14:47:46
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0498	5.0313	5.1251	5.0998	5.0336	9.9113	9.7483
SDev	.0069	.0156	.0023	.0109	.0028	.0112	.0189
%RSD	.13574	.30975	.04539	.21294	.05605	.11346	.19339
#1	5.0547	5.0423	5.1235	5.1075	5.0356	9.9193	9.7617
#2	5.0450	5.0203	5.1268	5.0921	5.0316	9.9034	9.7350

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25208	2.5579	25.201	1.0071	2.5257	1.2357	5.0588
SDev	.00003	.0023	.004	.0002	.0004	.0013	.0059
%RSD	.01012	.09112	.01504	.01973	.01736	.10168	.11671
#1	.25206	2.5563	25.199	1.0072	2.5260	1.2348	5.0630
#2	.25210	2.5596	25.204	1.0070	2.5254	1.2365	5.0547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5183	25.502	2.5388	1.2430	23.448	2.4951	2.5448
SDev	.0004	.004	.0009	.0008	.098	.0007	.0022
%RSD	.01779	.01386	.03365	.06704	.41582	.02862	.08721
#1	2.5186	25.499	2.5394	1.2435	23.517	2.4957	2.5464
#2	2.5180	25.504	2.5382	1.2424	23.380	2.4946	2.5432

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.886	5.0198	5.0580	5.1095	5.1309	5.0948	5.1007
SDev	.021	.0012	.0108	.0103	.0016	.0158	.0084
%RSD	.08625	.02357	.21437	.20073	.03181	.31056	.16427
#1	23.901	5.0189	5.0657	5.1022	5.1321	5.1060	5.1066
#2	23.872	5.0206	5.0504	5.1168	5.1298	5.0836	5.0948

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.0202	5.0819	4.9997	5.1169	4.9040
SDev	.0045	.0025	.0018	.0118	.0063
%RSD	.09003	.05016	.03508	.23115	.12747
#1	5.0234	5.0801	5.0010	5.1085	4.9084
#2	5.0170	5.0837	4.9985	5.1252	4.8995

04/22/04

Analysis Report QC Standard 04/22/04 02:53:09 PM page 1

Method: 6010B Sample Name: CCB Operator: DR
Run Time: 04/22/04 14:51:24
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	.00133	.00341	.00345	.00683	-.05900	.00021
SDev	.00055	.00100	.00014	.00128	.00105	.00413	.00011
%RSD	32.697	74.568	4.0649	37.121	15.365	7.0059	49.356
#1	.00129	.00063	.00331	.00436	.00609	-.05607	.00014
#2	.00206	.00204	.00351	.00255	.00757	-.06192	.00029

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00039	.00155	-.00096	.00048	-.00208	-.00567
SDev	.00003	.00002	.00000	.00058	.00074	.00006	.01063
%RSD	44.361	3.8881	.00000	60.330	155.33	2.6788	187.41
#1	.00009	.00040	.00155	-.00055	.00100	-.00212	.00184
#2	.00005	.00038	.00155	-.00136	-.00005	-.00205	-.01319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00493	-.00033	-.00019	-.46921	-.00015	-.00311
SDev	.00014	.00190	.00025	.00084	.23804	.00107	.00056
%RSD	21.628	38.577	74.368	433.18	50.733	697.99	18.109
#1	.00075	.00628	-.00051	.00040	-.30089	.00060	-.00271
#2	.00055	.00359	-.00016	-.00078	-.63753	-.00091	-.00351

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.11819	.00606	.00516	.00192	.00215	.00586	.00065
SDev	.01831	.00265	.00216	.00031	.00036	.00048	.00216
%RSD	15.495	43.732	41.801	16.209	16.845	8.1561	330.54
#1	-.10524	.00419	.00669	.00214	.00190	.00552	.00218
#2	-.13114	.00793	.00364	.00170	.00241	.00620	-.00087

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.02539	.00087	.00773	.00750
SDev	.00032	.00802	.00030	.00232	.00905
%RSD	24.626	31.591	34.115	30.078	120.70
#1	.00151	.03106	.00108	.00937	.01389
#2	.00106	.01972	.00066	.00609	.00110

DL 4/22/04

Analysis Report 04/22/04 02:55:20 PM page 1

Method: 6010B Sample Name: S2207-01 Operator: DR
Run Time: 04/22/04 14:53:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	-.00520	.00323	.00383	.00474	-.01577	.61839
SDev	.00070	.00403	.00050	.00073	.00198	.00375	.01066
%RSD	28.967	77.391	15.453	19.130	41.890	23.753	1.7232
#1	.00290	-.00805	.00287	.00331	.00614	-.01842	.61085
#2	.00191	-.00236	.00358	.00434	.00333	-.01312	.62592

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00068	494.26	.00294	.00386	.00167	18.582
SDev	.00002	.00022	10.96	.00000	.00047	.00048	.408
%RSD	47.710	32.326	2.2179	.00151	12.228	28.878	2.1959
#1	.00002	.00084	486.50	.00294	.00353	.00201	18.294
#2	.00005	.00053	502.01	.00294	.00420	.00133	18.871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9252	153.13	.01114	-.00289	1077.9	.00421	-.01246
SDev	.1282	3.86	.00037	.00088	22.7	.00022	.00000
%RSD	2.1631	2.5238	3.3079	30.440	2.1051	5.2585	.00259
#1	5.8346	150.40	.01140	-.00227	1061.9	.00437	-.01246
#2	6.0158	155.87	.01088	-.00351	1094.0	.00406	-.01246

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H141.21	.00849	-.00599	.01430	-.00420	.01153	-.00162
SDev	2.96	.00201	.00999	.00210	.00044	.00192	.00014
%RSD	2.0932	23.697	166.81	14.697	10.546	16.630	8.6762
#1	H139.12	.00707	.00107	.01281	-.00389	.01017	-.00172
#2	H143.30	.00992	-.01305	.01578	-.00451	.01288	-.00152

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00203	1.9177	-.00822	-.05679	12.046
SDev	.00093	.0491	.00038	.00295	.268
%RSD	45.729	2.5612	4.6286	5.1979	2.2260
#1	.00138	1.8829	-.00795	-.05470	11.856
#2	.00269	1.9524	-.00849	-.05888	12.235

DR 4/26/04

Analysis Report 04/22/04 02:57:10 PM page 1

Method: 6010B Sample Name: S2207-01D Operator: DR
Run Time: 04/22/04 14:55:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00228	.00194	.00429	.00229	.00190	-.01234	.62351
SDev	.00082	.00394	.00005	.00028	.00058	.00335	.00299
%RSD	36.182	203.53	1.1770	12.343	30.640	27.166	.48012
#1	.00170	-.00085	.00433	.00249	.00231	-.00997	.62563
#2	.00286	.00472	.00426	.00209	.00149	-.01471	.62139

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00063	504.14	.00222	.00296	.00085	18.926
SDev	.00001	.00006	.89	.00070	.00101	.00023	.043
%RSD	22.963	10.193	.17753	31.314	34.224	27.514	.22485
#1	.00002	.00058	503.51	.00173	.00224	.00068	18.896
#2	.00002	.00067	504.77	.00271	.00367	.00101	18.956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.0239	156.46	.01053	-.00430	1101.2	.00313	-.01259
SDev	.0084	.51	.00103	.00195	3.1	.00155	.00008
%RSD	.13997	.32864	9.7700	45.400	.28013	49.456	.61384
#1	6.0179	156.10	.00980	-.00568	1103.4	.00204	-.01253
#2	6.0298	156.82	.01125	-.00292	1099.0	.00423	-.01264

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H143.97	.00306	-.00363	.01130	-.00120	.00675	-.00153
SDev	.34	.00024	.00127	.00333	.00174	.00683	.00383
%RSD	.23374	7.8743	34.896	29.497	144.64	101.20	250.16
#1	H144.21	.00323	-.00273	.00894	.00003	.00192	.00118
#2	H143.73	.00289	-.00452	.01366	-.00243	.01157	-.00424

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00256	1.9596	-.00831	-.05605	12.263
SDev	.00056	.0027	.00030	.00109	.083
%RSD	21.799	.13959	3.5612	1.9480	.68011
#1	.00217	1.9616	-.00852	-.05527	12.322
#2	.00295	1.9577	-.00810	-.05682	12.204

04/22/04

Analysis Report 04/22/04 02:59:16 PM page 1

Method: 6010B Sample Name: S2207-01LX5 Operator: DR
Run Time: 04/22/04 14:57:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00413	.00133	-.00029	-.00216	.00315	-.04945	.12772
SDev	.00262	.00142	.00032	.00191	.00186	.00638	.00005
%RSD	63.466	106.17	110.70	88.393	59.022	12.896	.04131
#1	.00228	.00233	-.00051	-.00081	.00446	-.05396	.12776
#2	.00598	.00033	-.00006	-.00352	.00183	-.04494	.12768

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00001	116.52	.00052	.00115	.00139	4.0671
SDev	.00000	.00045	.01	.00044	.00088	.00052	.0248
%RSD	4.3413	5767.3	.00794	84.001	76.579	37.098	.61046
#1	.00003	-.00031	116.53	.00021	.00053	.00103	4.0496
#2	.00003	.00032	116.51	.00083	.00177	.00176	4.0847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3040	33.505	.00202	-.00109	189.53	.00102	-.00610
SDev	.0015	.064	.00036	.00104	.21	.00060	.00008
%RSD	.11740	.19143	17.772	95.190	.10979	58.408	1.2947
#1	1.3051	33.459	.00177	-.00183	189.38	.00060	-.00604
#2	1.3029	33.550	.00228	-.00036	189.68	.00144	-.00615

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.897	.00284	.00055	.00177	-.00331	.00238	-.00603
SDev	.041	.00275	.00008	.00173	.00039	.00575	.00574
%RSD	.17996	96.576	13.903	97.575	11.639	241.73	95.127
#1	22.926	.00478	.00060	.00055	-.00304	-.00169	-.00197
#2	22.868	.00090	.00049	.00299	-.00359	.00644	-.01009

Elem	Mo2020	B_2496	Ti3349	Sn1699	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.43213	-.00137	-.00810	2.5857
SDev	.00110	.01100	.00042	.00158	.0099
%RSD	533.90	2.5466	30.756	19.479	.38172
#1	-.00057	.43991	-.00167	-.00921	2.5787
#2	.00098	.42435	-.00108	-.00698	2.5927

DR 4/22/04

Analysis Report 04/22/04 03:01:40 PM page 1

Method: 6010B Sample Name: S2207-01S Operator: DR
Run Time: 04/22/04 14:59:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77602	1.8031	.92062	1.9529	.77203	1.9451	2.5165
SDev	.00351	.0150	.00234	.0009	.00176	.0011	.0026
%RSD	.45188	.83406	.25455	.04799	.22804	.05646	.10226
#1	.77850	1.7925	.91896	1.9522	.77078	1.9443	2.5147
#2	.77354	1.8137	.92228	1.9536	.77327	1.9459	2.5184

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18403	.18191	517.49	.36788	.18529	.28090	21.830
SDev	.00035	.00051	.39	.00179	.00223	.00263	.026
%RSD	.18898	.27801	.07576	.48643	1.2015	.93706	.11907
#1	.18427	.18227	517.76	.36915	.18686	.28276	21.848
#2	.18378	.18155	517.21	.36662	.18371	.27903	21.811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3091	162.01	.46627	.07448	1130.4	.27788	.18134
SDev	.0035	.27	.00292	.00264	4.0	.00167	.00002
%RSD	.05486	.16943	.62685	3.5449	.35435	.60088	.01242
#1	6.3116	162.20	.46834	.07635	1127.5	.27906	.18136
#2	6.3067	161.81	.46421	.07261	1133.2	.27670	.18132

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H160.95	.76975	.77339	.92425	.91641	1.9424	1.9564
SDev	.96	.00236	.01001	.01118	.00909	.0291	.0161
%RSD	.59737	.30606	1.2937	1.2092	.99226	1.4999	.82248
#1	H160.27	.77141	.76632	.93215	.90998	1.9630	1.9451
#2	H161.63	.76808	.78047	.91634	.92284	1.9218	1.9678

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.37462	2.2634	.17513	.60703	13.204
SDev	.00110	.0057	.00025	.00034	.018
%RSD	.29293	.25271	.14482	.05662	.13580
#1	.37384	2.2594	.17531	.60727	13.191
#2	.37539	2.2674	.17495	.60679	13.216

04/22/04

Analysis Report 04/22/04 03:03:29 PM page 1

Method: 6010B Sample Name: S2207-01SD Operator: DR
Run Time: 04/22/04 15:01:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.76946	1.7517	.91958	1.9354	.76401	1.9043	2.4498
SDev	.00747	.0323	.00584	.0140	.00129	.0244	.0224
%RSD	.97087	1.8450	.63463	.72286	.16939	1.2796	.91523
#1	.77474	1.7745	.92371	1.9453	.76309	1.9215	2.4656
#2	.76418	1.7288	.91546	1.9255	.76492	1.8870	2.4339

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18094	.17963	512.05	.36365	.18490	.27651	21.507
SDev	.00139	.00175	3.86	.00296	.00094	.00184	.163
%RSD	.76592	.97466	.75361	.81473	.51033	.66629	.75874
#1	.18192	.18087	514.78	.36575	.18557	.27781	21.622
#2	.17996	.17839	509.32	.36156	.18424	.27520	21.392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2119	160.56	.46359	.07570	1117.8	.27475	.17789
SDev	.0452	1.02	.00556	.00106	9.1	.00180	.00207
%RSD	.72830	.63727	1.1983	1.4018	.81057	.65380	1.1650
#1	6.2439	161.29	.46752	.07645	1124.2	.27602	.17935
#2	6.1799	159.84	.45966	.07495	1111.3	.27348	.17642

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H159.13	.76028	.76826	.91849	.91803	1.9262	1.9383
SDev	1.36	.01042	.01699	.00946	.01333	.0261	.0339
%RSD	.85484	1.3706	2.2110	1.0298	1.4521	1.3556	1.7474
#1	H160.10	.75292	.78028	.91180	.92745	1.9077	1.9622
#2	H158.17	.76765	.75625	.92518	.90860	1.9446	1.9143

Elem	Mo2020	B_2496	Ti3349	Sn1899	Si2881
Units	ppm	ppm	ppm	ppm	ppm
Avge	.36957	2.2236	.17195	.59720	13.026
SDev	.00307	.0200	.00188	.01041	.133
%RSD	.83042	.89752	1.0940	1.7435	1.0191
#1	.37174	2.2377	.17328	.60456	13.120
#2	.36740	2.2095	.17062	.58983	12.933

04/22/04