

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

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(counts per second) (First sample acquired : Sun Oct 31 12:16:24 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8-9f-1	1	Sun Oct 31 12:16:24 2004					
(Mean)F1 205TI/203TI m/r	1.0180720	0.0000	1.0180720	0.0000	30 of 30	1.0180720	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0596389	0.1629	0.0596621	0.1094	28 of 30	0.0596879	0.1042	27 of 30
(Mean)F10 204Pb/206Pb 201	0.0596624	0.1670	0.0596463	0.0987	27 of 30	0.0596463	0.0987	27 of 30
(Mean)F11 204Pb/206Pb 202	0.0596500	0.1414	0.0596680	0.0883	28 of 30	0.0596680	0.0883	28 of 30
(Mean)F12 207Pb/206Pb	0.9333896	0.0181	0.9333214	0.0141	27 of 30	0.9333765	0.0133	26 of 30
(Mean)F13 208Pb/206Pb	2.2348887	0.0139	2.2348616	0.0120	28 of 30	2.2349806	0.0112	27 of 30
(Mean)F14 206Pb/204Pb TI fc	16.4663150	0.1682	16.4590339	0.1156	28 of 30	16.4698488	0.0987	27 of 30
(Mean)F15 207Pb/204Pb TI fc	15.2340180	0.1626	15.2392288	0.0942	27 of 30	15.2334737	0.0898	26 of 30
(Mean)F16 208Pb/204Pb TI fc	36.1564446	0.1663	36.1656828	0.0937	27 of 30	36.1797459	0.0886	26 of 30
(Mean)F17 207Pb/206Pb TI fc	0.9251654	0.0181	0.9250979	0.0141	27 of 30	0.9251524	0.0133	26 of 30
(Mean)F18 208Pb/206Pb TI fc	2.1957851	0.0139	2.1957584	0.0120	28 of 30	2.1958753	0.0112	27 of 30
(Mean)F19 208Pb/206Pb m/r	1.0309954	0.0139	1.0309829	0.0120	28 of 30	1.0310377	0.0112	27 of 30
(Mean)F20 206Pb/204Pb 8/6 201	16.2537685	0.1714	16.2463423	0.1198	28 of 30	16.2565863	0.1057	27 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9192135	0.0160	0.9192168	0.0134	28 of 30	0.9192168	0.0134	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	16.2601257	0.1691	16.2528380	0.1163	28 of 30	16.2532093	0.1051	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	16.2567792	0.1468	16.2510372	0.0949	28 of 30	16.2510372	0.0949	28 of 30
(Mean)F24 TI/Pb	0.0008695	17.4565	0.0006928	13.5468	28 of 30	0.0005968	11.6465	26 of 30
(Mean)F25 206V	0.0913497	1.4983	0.0913497	1.4983	30 of 30	0.0913497	1.4983	30 of 30
(Mean)F31 206/205	630.2691138	11.5232	596.5929605	11.1644	29 of 30	538.7351556	10.6040	27 of 30
(Mean)F33 206/205 TI corr	-2044.3539583	-70.2778	-738.6478034	-84.0007	29 of 30	-421.4077214	-93.4305	26 of 30
(Mean)F34 206/205 TI corr mfc	-2008.0642037	-70.2778	-725.5359118	-84.0007	29 of 30	-413.9272248	-93.4305	26 of 30
(Mean)F35 205/206 TI corr mfc	0.0002606	63.5347	0.0001956	80.5758	29 of 30	0.0001956	80.5758	29 of 30

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(counts per second) (First sample acquired :)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8-9f-2 (260 micr.)	1	Sun Oct 31 12:19:57 2004					
(Mean)F1 205Tl/203Tl m/r	1.0180720	0.0000	1.0180720	0.0000	30 of 30	1.0180720	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0595072	0.1029	0.0595072	0.1029	30 of 30	0.0595072	0.1029	30 of 30
(Mean)F10 204Pb/206Pb 201	0.0594992	0.1019	0.0595259	0.0947	29 of 30	0.0595259	0.0947	29 of 30
(Mean)F11 204Pb/206Pb 202	0.0594960	0.1036	0.0595205	0.0984	29 of 30	0.0595205	0.0984	29 of 30
(Mean)F12 207Pb/206Pb	0.9313475	0.0169	0.9314822	0.0146	28 of 30	0.9316011	0.0126	26 of 30
(Mean)F13 208Pb/206Pb	2.2323841	0.0129	2.2326587	0.0104	28 of 30	2.2325613	0.0097	27 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.5106369	0.1020	16.5031607	0.0946	29 of 30	16.5031607	0.0946	29 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2416368	0.1002	15.2358181	0.0959	29 of 30	15.2358181	0.0959	29 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.2131350	0.0984	36.1990427	0.0936	29 of 30	36.2123653	0.0892	28 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9231413	0.0169	0.9232748	0.0146	28 of 30	0.9233926	0.0126	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1933243	0.0129	2.1935941	0.0104	28 of 30	2.1934983	0.0097	27 of 30
(Mean)F19 208Pb/206Pb m/r	1.0298399	0.0129	1.0299666	0.0104	28 of 30	1.0299217	0.0097	27 of 30
(Mean)F20 206Pb/204Pb 8/6 201	16.3159745	0.1070	16.3075363	0.0971	29 of 30	16.3075363	0.0971	29 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9177182	0.0145	0.9177886	0.0128	29 of 30	0.9177886	0.0128	29 of 30
(Mean)F22 206Pb/204Pb 8/6 200	16.3137787	0.1068	16.3137787	0.1068	30 of 30	16.3137787	0.1068	30 of 30
(Mean)F23 206Pb/204Pb 8/6 202	16.3168693	0.1088	16.3095928	0.1028	29 of 30	16.3095928	0.1028	29 of 30
(Mean)F24 Tl/Pb	0.0024649	9.5018	0.0023647	9.2657	29 of 30	0.0020993	8.6127	26 of 30
(Mean)F25 206V	0.1191946	3.1556	0.1191946	3.1556	30 of 30	0.1191946	3.1556	30 of 30
(Mean)F31 206/205	188.6581292	13.1316	159.9056928	8.8825	28 of 30	152.7710413	8.3427	27 of 30
(Mean)F33 206/205 Tl corr	276.5950558	330.6627	-443.0837432	-131.8512	29 of 30	-252.0999649	-147.7178	26 of 30
(Mean)F34 206/205 Tl corr mfc	271.6851591	330.6627	-435.2184711	-131.8512	29 of 30	-247.6248857	-147.7178	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0000856	-205.4333	-0.0000940	-156.4598	28 of 30	-0.0001570	-87.8369	27 of 30

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(counts per second) (First sample acquired : Sun Oct 31 12:24:38 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8-9F-3	1	Sun Oct 31 12:24:38 2004					
(Mean)F1 205Tl/203Tl m/r	1.0180720	0.0000	1.0180720	0.0000	30 of 30	1.0180720	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0593857	0.1467	0.0593082	0.1234	28 of 30	0.0593082	0.1234	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0594611	0.1653	0.0594074	0.1436	29 of 30	0.0593376	0.1266	27 of 30
(Mean)F11 204Pb/206Pb 202	0.0593722	0.1404	0.0593290	0.1070	27 of 30	0.0593290	0.1070	27 of 30
(Mean)F12 207Pb/206Pb	0.9317372	0.0277	0.9319038	0.0218	29 of 30	0.9319090	0.0196	27 of 30
(Mean)F13 208Pb/206Pb	2.2336333	0.0154	2.2336333	0.0154	30 of 30	2.2336333	0.0154	30 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.5220334	0.1643	16.5365942	0.1434	29 of 30	16.5557912	0.1269	27 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2585126	0.1610	15.2717083	0.1405	29 of 30	15.2800799	0.1339	28 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.2584309	0.1637	36.2884658	0.1461	29 of 30	36.3108290	0.1372	28 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9235276	0.0277	0.9236927	0.0218	29 of 30	0.9236978	0.0196	27 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1945516	0.0154	2.1945516	0.0154	30 of 30	2.1945516	0.0154	30 of 30
(Mean)F19 208Pb/206Pb m/r	1.0304162	0.0154	1.0304162	0.0154	30 of 30	1.0304162	0.0154	30 of 30
(Mean)F20 206Pb/204Pb 8/6 201	16.3180131	0.1663	16.332652	0.1422	29 of 30	16.3528525	0.1233	27 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9178449	0.0282	0.9180233	0.0211	29 of 30	0.9181304	0.0183	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	16.3384399	0.1473	16.3606780	0.1203	28 of 30	16.3606780	0.1203	28 of 30
(Mean)F23 206Pb/204Pb 8/6 202	16.3420595	0.1407	16.3545860	0.1018	27 of 30	16.3614983	0.0962	26 of 30
(Mean)F24 Tl/Pb	0.0019524	6.6076	0.0018382	5.9320	28 of 30	0.0017484	5.5129	26 of 30
(Mean)F25 206V	0.0758537	1.6971	0.0758537	1.6971	30 of 30	0.0758537	1.6971	30 of 30
(Mean)F31 206/205	193.5716958	6.4307	187.1142061	5.8870	29 of 30	182.4977949	5.6797	28 of 30
(Mean)F33 206/205 Tl corr	-92.5870518	-1620.2985	151.0799546	354.6474	28 of 30	211.0715800	191.7294	26 of 30
(Mean)F34 206/205 Tl corr mfc	-90.9435197	-1620.2985	148.3981027	354.6474	28 of 30	207.3248042	191.7294	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0000566	397.6724	-0.0000371	-570.4331	29 of 30	-0.0000371	-570.4331	29 of 30

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(counts per second) (First sample acquired : Sun Oct 31 12:30:36 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8-9f-4	1	Sun Oct 31 12:30:36 2004					
(Mean)F1 205Tl/203Tl m/r	1.0180720	0.0000	1.0180720 ✓	0.0000	60 of 60	1.0180720	0.0000	60 of 60
(Mean)F9 204Pb/206Pb 200	0.0586362	0.1093	0.0586992	0.0952	57 of 60	0.0586992	0.0952	57 of 60
(Mean)F10 204Pb/206Pb 201	0.0586300	0.1173	0.0586953	0.1036	57 of 60	0.0586576	0.0924	53 of 60
(Mean)F11 204Pb/206Pb 202	0.0586536	0.1070	0.0586987	0.0955	58 of 60	0.0587164	0.0922	57 of 60
(Mean)F12 207Pb/206Pb	0.9215768	0.0225	0.9216301	0.0208	57 of 60	0.9218516	0.0184	53 of 60
(Mean)F13 208Pb/206Pb	2.2135495	0.0173	2.2138074	0.0158	58 of 60	2.2139054	0.0154	57 of 60
(Mean)F14 206Pb/204Pb Tl fc	16.7562573	0.1176	16.7372587 ✓	0.1035	57 of 60	16.7477623	0.0924	53 of 60
(Mean)F15 207Pb/204Pb Tl fc	15.3060507	0.1136	15.2988828 ✓	0.0994	57 of 60	15.2909146	0.0825	51 of 60
(Mean)F16 208Pb/204Pb Tl fc	36.4417360	0.1151	36.4247441 ✓	0.1021	57 of 60	36.4148287	0.0874	52 of 60
(Mean)F17 207Pb/206Pb Tl fc	0.9134567	0.0225	0.9135095 ✓	0.0208	57 of 60	0.9137291	0.0184	53 of 60
(Mean)F18 208Pb/206Pb Tl fc	2.1748192	0.0173	2.1750726 ✓	0.0158	58 of 60	2.1751688	0.0154	57 of 60
(Mean)F19 208Pb/206Pb m/r	1.0211512	0.0173	1.0212702 ✓	0.0158	58 of 60	1.0213154	0.0154	57 of 60
(Mean)F20 206Pb/204Pb 8/6 201	16.7009660	0.1226	16.6813462 ✓	0.1083	57 of 60	16.6869397	0.0960	52 of 60
(Mean)F21 207Pb/206Pb 8/6 corr	0.9119560	0.0156	0.9119911 ✓	0.0142	57 of 60	0.9119881	0.0129	53 of 60
(Mean)F22 206Pb/204Pb 8/6 200	16.6990419	0.1154	16.6801113 ✓	0.1009	57 of 60	16.6801113	0.1009	57 of 60
(Mean)F23 206Pb/204Pb 8/6 202	16.6940276	0.1128	16.6751519 ✓	0.0977	57 of 60	16.6751519	0.0977	57 of 60
(Mean)F24 Tl/Pb	0.0021539	5.1975	0.0020013	4.4481	56 of 60	0.0019443	4.2344	54 of 60
(Mean)F25 206V	0.0903945	1.2991	0.0896376 ✓	1.1312	56 of 60	0.0898649	1.0428	53 of 60
(Mean)F31 206/205	181.3839747	5.0848	178.2195657	4.9440	59 of 60	158.9356348	4.3682	51 of 60
(Mean)F33 206/205 Tl corr	8156.2872276	100.3675	41.7456535	2634.3363	59 of 60	110.6935715	218.4898	51 of 60
(Mean)F34 206/205 Tl corr mfc	8011.5032677	100.3675	41.0046176	2634.3363	59 of 60	108.7286268	218.4898	51 of 60
(Mean)F35 205/206 Tl corr mfc	0.0001127	129.0825	0.0001118	120.7817	58 of 60	0.0001506	87.3609	57 of 60

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(counts per second) (First sample acquired : Sun Oct 31 12:37:07 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8-9f-4	1	Sun Oct 31 12:37:07 2004					
(Mean)F1 205Tl/203Tl m/r	1.0180720	0.0000	1.0180720	0.0000	30 of 30	1.0180720	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0584151	0.2369	0.0585600	0.1739	28 of 30	0.0586526	0.1450	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0585080	0.2280	0.0586362	0.1809	28 of 30	0.0587236	0.1598	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0584038	0.2279	0.0585405	0.1709	28 of 30	0.0586267	0.1467	26 of 30
(Mean)F12 207Pb/206Pb	0.9199635	0.1807	0.9225158	0.1016	27 of 30	0.9232276	0.0686	26 of 30
(Mean)F13 208Pb/206Pb	2.2088430	0.1509	2.2139234	0.0871	27 of 30	2.2153820	0.0591	26 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.7924048	0.2306	16.7546251	0.1813	28 of 30	16.7292666	0.1596	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.3108111	0.1398	15.3191976	0.1331	29 of 30	15.3191976	0.1331	29 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.4398567	0.1420	36.4603418	0.1349	29 of 30	36.4603418	0.1349	29 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9118576	0.1807	0.9143875	0.1016	27 of 30	0.9150930	0.0686	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1701950	0.1509	2.1751866	0.0871	27 of 30	2.1766196	0.0591	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0189800	0.1509	1.0213237	0.0871	27 of 30	1.0219965	0.0591	26 of 30
(Mean)F20 206Pb/204Pb 8/6 201	16.7754451	0.3689	16.7093786	0.2655	28 of 30	16.6651439	0.2066	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9113185	0.1064	0.9128047	0.0598	27 of 30	0.9132095	0.0417	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	16.8025115	0.3848	16.7310682	0.2655	28 of 30	16.6839883	0.1938	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	16.8054706	0.3749	16.7365866	0.2626	28 of 30	16.6892195	0.1880	26 of 30
(Mean)F24 Tl/Pb	0.0066772	4.5491	0.0066772	4.5491	30 of 30	0.0066772	4.5491	30 of 30
(Mean)F25 206V	0.1102057	1.4587	0.1102057	1.4587	30 of 30	0.1102057	1.4587	30 of 30
(Mean)F31 206/205	53.8969278	4.6834	53.8969278	4.6834	30 of 30	53.8969278	4.6834	30 of 30
(Mean)F33 206/205 Tl corr	2978.7994745	53.9344	950.0723134	80.4269	28 of 30	251.4275675	249.8563	26 of 30
(Mean)F34 206/205 Tl corr mfc	2925.9221822	53.9344	933.2073812	80.4269	28 of 30	246.9644242	249.8563	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0002181	-59.7973	-0.0001176	-73.1537	29 of 30	-0.0001176	-73.1537	29 of 30

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(counts per second) (First sample acquired : Sun Oct 31 12:40:56 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Nist glass 610 3	1	Sun Oct 31 12:40:56 2004					
(Mean)F1 205Tl/203Tl m/r	1.0184334	0.0159	1.0181836	0.0088	27 of 30	1.0182236	0.0082	26 of 30
(Mean)F9 204Pb/206Pb 200	0.0575890	0.0161	0.0575859	0.0124	27 of 30	0.0575891	0.0115	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0576062	0.0162	0.0576016	0.0126	27 of 30	0.0576046	0.0119	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0576023	0.0162	0.0575979	0.0147	29 of 30	0.0576004	0.0122	26 of 30
(Mean)F12 207Pb/206Pb	0.9182494	0.0210	0.9179412	0.0103	27 of 30	0.9178896	0.0090	26 of 30
(Mean)F13 208Pb/206Pb	2.2071815	0.0050	2.2072887	0.0039	28 of 30	2.2073619	0.0034	26 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0466846	0.0178	17.0498276	0.0132	28 of 30	17.0499989	0.0117	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5124598	0.0180	15.5140136	0.0155	29 of 30	15.5151126	0.0126	26 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9539267	0.0328	36.9613232	0.0269	29 of 30	36.9751219	0.0188	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9099989	0.0143	0.9098599	0.0102	28 of 30	0.9097638	0.0075	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1678061	0.0199	2.1684702	0.0111	27 of 30	2.1683644	0.0104	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0182135	0.0050	1.0182630	0.0039	28 of 30	1.0182968	0.0034	26 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0458534	0.0187	17.0459113	0.0152	28 of 30	17.0458662	0.0128	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9099773	0.0232	0.9096420	0.0116	27 of 30	0.9095833	0.0100	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0509343	0.0186	17.0505977	0.0146	28 of 30	17.0504603	0.0120	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0469971	0.0185	17.0473632	0.0155	28 of 30	17.0473185	0.0137	26 of 30
(Mean)F24 Tl/Pb	0.1473277	0.1226	0.1474822	0.1056	28 of 30	0.1476166	0.0908	26 of 30
(Mean)F25 206V	1.1045652	2.7533	1.1427329	1.3373	28 of 30	1.1410037	0.8455	26 of 30
(Mean)F31 206/205	2.2893334	0.1208	2.2869829	0.1046	28 of 30	2.2848639	0.0888	26 of 30
(Mean)F33 206/205 Tl corr	-3002.1380432	-146.2248	-2621.0253286	-100.8119	28 of 30	-1777.7915809	-109.9025	26 of 30
(Mean)F34 206/205 Tl corr mfc	-2951.0951582	-146.1134	-2576.7484315	-100.7240	28 of 30	-1748.4820950	-109.7613	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001572	44.7087	0.0000488	80.3690	27 of 30	0.0000664	54.8800	26 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

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(counts per second) (First sample acquired : Sun Oct 31 12:46:19 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8 9F-6	1	Sun Oct 31 12:46:19 2004					
(Mean)F1 205Tl/203Tl m/r	1.0182199	0.0000	1.0182199	0.0000	30 of 30	1.0182199	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0575925	0.1869	0.0575961	0.1633	28 of 30	0.0575961	0.1633	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0575813	0.1851	0.0574872	0.1568	28 of 30	0.0574774	0.1359	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0575824	0.1967	0.0575755	0.1706	28 of 30	0.0575755	0.1706	28 of 30
(Mean)F12 207Pb/206Pb	0.9052838	0.0220	0.9052838	0.0220	30 of 30	0.9052838	0.0220	30 of 30
(Mean)F13 208Pb/206Pb	2.1841986	0.0143	2.1840728	0.0136	29 of 30	2.1840728	0.0136	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0592633	0.1841	17.0866490	0.1567	28 of 30	17.0892193	0.1361	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.3063093	0.1865	15.3186627	0.1739	29 of 30	15.3326005	0.1377	26 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.6035719	0.1818	36.6334054	0.1681	29 of 30	36.6648953	0.1358	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.8972428	0.0220	0.8972428	0.0220	30 of 30	0.8972428	0.0220	30 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1456746	0.0143	2.1455510	0.0136	29 of 30	2.1455510	0.0136	29 of 30
(Mean)F19 208Pb/206Pb m/r	1.0076111	0.0143	1.0075530	0.0136	29 of 30	1.0075530	0.0136	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.2360672	0.1875	17.2649335	0.1574	28 of 30	17.2775656	0.1446	27 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9018488	0.0194	0.9017728	0.0181	29 of 30	0.9017728	0.0181	29 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.2327520	0.1874	17.2315139	0.1637	28 of 30	17.2315139	0.1637	28 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.2359514	0.1966	17.2377718	0.1708	28 of 30	17.2377718	0.1708	28 of 30
(Mean)F24 Tl/Pb	0.0006227	11.5256	0.0006227	11.5256	30 of 30	0.0006227	11.5256	30 of 30
(Mean)F25 206V	0.0670781	1.6575	0.0675126	1.5691	29 of 30	0.0675126	1.5691	29 of 30
(Mean)F31 206/205	1741.4602117	64.4030	629.0189127	23.4771	29 of 30	611.2953733	9.0754	26 of 30
(Mean)F33 206/205 Tl corr	-742.3385746	-69.8692	-453.4495466	-98.3313	29 of 30	-220.5187472	-164.0088	26 of 30
(Mean)F34 206/205 Tl corr mfc	-729.0552264	-69.8692	-445.3355560	-98.3313	29 of 30	-216.5728020	-164.0088	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0003166	-92.4387	-0.0004168	-52.9888	27 of 30	-0.0005155	-39.8496	26 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

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(counts per second) (First sample acquired : Sun Oct 31 12:50:21 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8 9F-7	1	Sun Oct 31 12:50:21 2004					
(Mean)F1 205Tl/203Tl m/r	1.0182199	0.0000	1.0182199	0.0000	30 of 30	1.0182199	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0575397	0.1857	0.0574955	0.1751	29 of 30	0.0574955	0.1751	29 of 30
(Mean)F10 204Pb/206Pb 201	0.0575268	0.2079	0.0575268	0.2079	30 of 30	0.0575268	0.2079	30 of 30
(Mean)F11 204Pb/206Pb 202	0.0575685	0.1947	0.0576189	0.1798	29 of 30	0.0576189	0.1798	29 of 30
(Mean)F12 207Pb/206Pb	0.9070054	0.1421	0.9087215	0.1057	27 of 30	0.9092348	0.0927	26 of 30
(Mean)F13 208Pb/206Pb	2.1971022	0.0421	2.1974735	0.0399	29 of 30	2.1985715	0.0319	26 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0758837	0.2079	17.0758837	0.2079	30 of 30	17.0758837	0.2079	30 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.3493073	0.1290	15.3493073	0.1290	30 of 30	15.3493073	0.1290	30 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.8552029	0.1867	36.8552029	0.1867	30 of 30	36.8552029	0.1867	30 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.8989491	0.1421	0.9006500	0.1057	27 of 30	0.9011587	0.0927	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1583506	0.0421	2.1587153	0.0399	29 of 30	2.1597940	0.0319	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0135637	0.0421	1.0137350	0.0399	29 of 30	1.0142416	0.0319	26 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.1508925	0.2353	17.1508925	0.2353	30 of 30	17.1508925	0.2353	30 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9008949	0.1260	0.9018993	0.1064	28 of 30	0.9028103	0.0859	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.1465902	0.2132	17.1465902	0.2132	30 of 30	17.1465902	0.2132	30 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.1382149	0.2245	17.1203557	0.2061	29 of 30	17.1203557	0.2061	29 of 30
(Mean)F24 Tl/Pb	0.0046951	5.4937	0.0046951	5.4937	30 of 30	0.0046951	5.4937	30 of 30
(Mean)F25 206V	0.1018139	2.3044	0.1018139	2.3044	30 of 30	0.1018139	2.3044	30 of 30
(Mean)F31 206/205	78.8654513	6.0274	74.7706805	5.4529	28 of 30	71.1551873	4.8383	26 of 30
(Mean)F33 206/205 Tl corr	-45325.885142 0	-93.8019	-2991.0228750	-135.8759	29 of 30	922.1235579	52.3966	26 of 30
(Mean)F34 206/205 Tl corr mfc	-44514.827311 4	-93.8019	-2937.5017465	-135.8759	29 of 30	905.6231513	52.3966	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0003084	48.2220	0.0004544	25.5974	28 of 30	0.0004724	19.7328	26 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

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(counts per second) (First sample acquired : Sun Oct 31 12:58:01 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC8 9F-8	1	Sun Oct 31 12:58:01 2004					
(Mean)F1 205Tl/203Tl m/r	1.0182199	0.0000	1.0182199	0.0000	30 of 30	1.0182199	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0571847	0.1582	0.0572212	0.1498	29 of 30	0.0572212	0.1498	29 of 30
(Mean)F10 204Pb/206Pb 201	0.0571889	0.1707	0.0571889	0.1707	30 of 30	0.0571889	0.1707	30 of 30
(Mean)F11 204Pb/206Pb 202	0.0571862	0.1591	0.0571862	0.1591	30 of 30	0.0571862	0.1591	30 of 30
(Mean)F12 207Pb/206Pb	0.9021842	0.0437	0.9023492	0.0410	29 of 30	0.9023492	0.0410	29 of 30
(Mean)F13 208Pb/206Pb	2.1748974	0.0351	2.1748769	0.0311	28 of 30	2.1748490	0.0278	26 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.1760918	0.1702	17.1760918	0.1702	30 of 30	17.1760918	0.1702	30 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.3583010	0.1683	15.3583010	0.1683	30 of 30	15.3583010	0.1683	30 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.6972669	0.1685	36.6972669	0.1685	30 of 30	36.6972669	0.1685	30 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.8941707	0.0437	0.8943343	0.0410	29 of 30	0.8943343	0.0410	29 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1365375	0.0351	2.1365172	0.0311	28 of 30	2.1364899	0.0278	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0033203	0.0351	1.0033108	0.0311	28 of 30	1.0032979	0.0278	26 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.4290941	0.1791	17.4290941	0.1791	30 of 30	17.4290941	0.1791	30 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9006855	0.0298	0.9008283	0.0262	29 of 30	0.9010991	0.0224	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.4301703	0.1683	17.4055311	0.1467	28 of 30	17.4055311	0.1467	28 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.4297012	0.1660	17.4297012	0.1660	30 of 30	17.4297012	0.1660	30 of 30
(Mean)F24 Tl/Pb	0.0051342	6.9954	0.0051342	6.9954	30 of 30	0.0051342	6.9954	30 of 30
(Mean)F25 206V	0.0759513	0.8300	0.0764935	0.7078	28 of 30	0.0765379	0.5996	26 of 30
(Mean)F31 206/205	81.2666452	9.1073	71.3054057	7.6393	27 of 30	68.6653960	7.2112	26 of 30
(Mean)F33 206/205 Tl corr	-565.2794418	-103.1160	-291.5061588	-109.0958	27 of 30	-460.4559558	-60.8096	26 of 30
(Mean)F34 206/205 Tl corr mfc	-555.1643759	-103.1160	-286.2899705	-109.0958	27 of 30	-452.2165931	-60.8096	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0003937	-59.9601	-0.0004141	-48.6817	28 of 30	-0.0004141	-48.6817	28 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

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(counts per second) (First sample acquired : Sun Oct 31 13:03:02 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	NIST Glass 610	1	Sun Oct 31 13:03:02 2004					
(Mean)F1 205Tl/203Tl m/r	1.0185160	0.0104	1.0184640 ✓	0.0094	29 of 30	1.0184640	0.0094	29 of 30
(Mean)F9 204Pb/206Pb 200	0.0576154	0.0122	0.0576188	0.0111	29 of 30	0.0576213	0.0105	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0576269	0.0122	0.0576303	0.0111	29 of 30	0.0576330	0.0104	28 of 30
(Mean)F11 204Pb/206Pb 202	0.0576239	0.0129	0.0576272	0.0119	29 of 30	0.0576272	0.0119	29 of 30
(Mean)F12 207Pb/206Pb	0.9180315	0.0136	0.9180159	0.0113	28 of 30	0.9179284	0.0099	26 of 30
(Mean)F13 208Pb/206Pb	2.2072878	0.0041	2.2072878	0.0041	30 of 30	2.2072878	0.0041	30 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0391748	0.0148	17.0402889 ✓	0.0138 ✓	29 of 30	17.0402889	0.0138	29 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5013292	0.0161	15.5013292 ✓	0.0161 ✓	30 of 30	15.5013292	0.0161	30 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9364437	0.0233	36.9410558 ✓	0.0203 ✓	29 of 30	36.9410558	0.0203	29 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9097466	0.0099	0.9097046 ✓	0.0079 ✓	27 of 30	0.9097334	0.0075	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1677361	0.0122	2.1678653 ✓	0.0110 ✓	29 of 30	2.1677721	0.0105	28 of 30
(Mean)F19 208Pb/206Pb m/r	1.0182626	0.0041	1.0182626	0.0041	30 of 30	1.0182626	0.0041	30 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0388918	0.0141	17.0378698 ✓	0.0132	29 of 30	17.0370065	0.0126	28 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9097392	0.0147	0.9097264	0.0122	28 of 30	0.9096324	0.0106	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0422876	0.0143	17.0412545 ✓	0.0134	29 of 30	17.0412545	0.0134	29 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0397889	0.0150	17.0387856	0.0143	29 of 30	17.0387856	0.0143	29 of 30
(Mean)F24 Tl/Pb	0.1446181	0.1537	0.1443889	0.1134	28 of 30	0.1442175	0.0833	26 of 30
(Mean)F25 206V	1.0858537	3.3530	1.0497604 ✓	2.6901	28 of 30	1.0199280	2.0163	26 of 30
(Mean)F31 206/205	2.3322841	0.1513	2.3359230	0.1114	28 of 30	2.3386389	0.0821	26 of 30
(Mean)F33 206/205 Tl corr	-5033.5054374	-137.1470	1373.7941868	193.5976	29 of 30	1393.3345169	83.9726	26 of 30
(Mean)F34 206/205 Tl corr mfc	-4945.7268367	-137.0834	1346.9198535	193.9271	29 of 30	1366.1110727	84.1135	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001270	35.8430	0.0001048	39.2581	29 of 30	0.0001048	39.2581	29 of 30