

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

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(counts per second) (First sample acquired : Sat Oct 30 14:30:52 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	DLC-7a-1	1	Sat Oct 30 14:30:52 2004					
(Set 1)F1	1.0177259	0.0000	1.0177259	0.0000	30 of 30	1.0177259	0.0000	30 of 30
205Tl/203Tl m/r	0.0570639	0.0254	0.0570563	0.0225	29 of 30	0.0570511	0.0213	28 of 30
(Set 1)F9 204Pb/206Pb 200	0.0570442	0.0262	0.0570285	0.0192	28 of 30	0.0570285	0.0192	28 of 30
(Set 1)F10 204Pb/206Pb 201	0.0570624	0.0250	0.0570532	0.0169	27 of 30	0.0570532	0.0169	27 of 30
(Set 1)F12 207Pb/206Pb	0.8995689	0.0108	0.8996068	0.0103	29 of 30	0.8994965	0.0086	26 of 30
(Set 1)F13 208Pb/206Pb	2.1747473	0.0039	2.1748206	0.0034	28 of 30	2.1748206	0.0034	28 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.2265576	0.0262	17.2312701	0.0192	28 of 30	17.2312701	0.0192	28 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.3625148	0.0281	15.3665282	0.0230	28 of 30	15.3636437	0.0204	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.8202478	0.0257	36.8300098	0.0191	28 of 30	36.8300098	0.0191	28 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.8917925	0.0108	0.8918301	0.0103	29 of 30	0.8917208	0.0086	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1374119	0.0039	2.1374840	0.0034	28 of 30	2.1374840	0.0034	28 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0032510	0.0039	1.0032848	0.0034	28 of 30	1.0032848	0.0034	28 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.4729759	0.0273	17.4779046	0.0203	28 of 30	17.4779046	0.0203	28 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.8981062	0.0109	0.8981062	0.0109	30 of 30	0.8981062	0.0109	30 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.4669336	0.0261	17.4692883	0.0231	29 of 30	17.4709733	0.0218	28 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.4673808	0.0260	17.4719635	0.0196	28 of 30	17.4716232	0.0170	26 of 30
(Set 1)F24 Tl/Pb	0.0197936	0.2736	0.0197400	0.2112	28 of 30	0.0197400	0.2112	28 of 30
(Set 1)F25 206V	0.4805726	0.7658	0.4805726	0.7658	30 of 30	0.4805726	0.7658	30 of 30
(Set 1)F31 206/205	17.2481585	0.2704	17.2932219	0.2121	28 of 30	17.2932219	0.2121	28 of 30
(Set 1)F33 206/205 Tl corr	4402.8548151	77.6822	1571.8645649	126.3856	29 of 30	4345.3202883	31.9989	26 of 30
(Set 1)F34 206/205 Tl corr mfc	4326.1693767	77.6822	1544.4870727	126.3856	29 of 30	4269.6369408	31.9989	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0001260	31.2899	0.0001054	33.0193	29 of 30	0.0000785	40.2155	27 of 30
(Mean)F1 205Tl/203Tl m/r	1.0177259	0.0000	1.0177259	0.0000	30 of 30	1.0177259	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0570639	0.0254	0.0570563	0.0225	29 of 30	0.0570511	0.0213	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0570442	0.0262	0.0570285	0.0192	28 of 30	0.0570285	0.0192	28 of 30

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(counts per second) (First sample acquired : Sat Oct 30 14:36:09 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	DLC-7a-2	1	Sat Oct 30 14:36:09 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0177259	0.0000	1.0177259	0.0000	30 of 30	1.0177259	0.0000	30 of 30
(Set 1)F9 204Pb/206Pb 200	0.0572459	0.0389	0.0572330	0.0329	29 of 30	0.0572330	0.0329	29 of 30
(Set 1)F10 204Pb/206Pb 201	0.0572365	0.0400	0.0572317	0.0285	28 of 30	0.0572253	0.0272	27 of 30
(Set 1)F11 204Pb/206Pb 202	0.0572521	0.0406	0.0572379	0.0333	29 of 30	0.0572379	0.0333	29 of 30
(Set 1)F12 207Pb/206Pb	0.9018089	0.0124	0.9018089	0.0124	30 of 30	0.9018089	0.0124	30 of 30
(Set 1)F13 208Pb/206Pb	2.1780533	0.0052	2.1780970	0.0050	29 of 30	2.1780970	0.0050	29 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.1687087	0.0400	17.1701171	0.0285	28 of 30	17.1720351	0.0272	27 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.3490520	0.0422	15.3491511	0.0324	28 of 30	15.3471084	0.0307	27 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.7523824	0.0386	36.7551055	0.0276	28 of 30	36.7551055	0.0276	28 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.8940132	0.0124	0.8940132	0.0124	30 of 30	0.8940132	0.0124	30 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1406613	0.0052	2.1407042	0.0050	29 of 30	2.1407042	0.0050	29 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0047762	0.0052	1.0047963	0.0050	29 of 30	1.0047963	0.0050	29 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.3876214	0.0420	17.3891871	0.0303	28 of 30	17.3914320	0.0285	27 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.8996571	0.0117	0.8996571	0.0117	30 of 30	0.8996571	0.0117	30 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.3847746	0.0408	17.3888537	0.0345	29 of 30	17.3888537	0.0345	29 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.3828951	0.0423	17.3873659	0.0347	29 of 30	17.3873659	0.0347	29 of 30
(Set 1)F24 Tl/Pb	0.0199873	0.6610	0.0199873	0.6610	30 of 30	0.0199873	0.6610	30 of 30
(Set 1)F25 206V	0.5726462	0.9301	0.5666646	0.6050	28 of 30	0.5665591	0.5028	26 of 30
(Set 1)F31 206/205	17.0797248	0.6535	17.0797248	0.6535	30 of 30	17.0797248	0.6535	30 of 30
(Set 1)F33 206/205 Tl corr	6941.1431832	81.7603	-45.9752296	-6292.9940	28 of 30	-3107.4272606	-67.4142	26 of 30
(Set 1)F34 206/205 Tl corr mfc	6820.2478482	81.7603	-45.1744694	-6292.9940	28 of 30	-3053.3045534	-67.4142	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0000708	53.9237	0.0000889	39.1807	29 of 30	0.0000889	39.1807	29 of 30
(Mean)F1 205Tl/203Tl m/r	1.0177259	0.0000	1.0177259	0.0000	30 of 30	1.0177259	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0572459	0.0389	0.0572330	0.0329	29 of 30	0.0572330	0.0329	29 of 30
(Mean)F10 204Pb/206Pb 201	0.0572365	0.0400	0.0572317	0.0285	28 of 30	0.0572253	0.0272	27 of 30

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(counts per second) (First sample acquired : Sat Oct 30 14:42:18 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	DLC-7a-3	1	Sat Oct 30 14:42:18 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0177259	0.0000	1.0177259	0.0000	30 of 30	1.0177259	0.0000	30 of 30
(Set 1)F9 204Pb/206Pb 200	0.0577749	0.0355	0.0577662	0.0333	29 of 30	0.0577662	0.0333	29 of 30
(Set 1)F10 204Pb/206Pb 201	0.0577702	0.0418	0.0577702	0.0418	30 of 30	0.0577702	0.0418	30 of 30
(Set 1)F11 204Pb/206Pb 202	0.0577774	0.0366	0.0577672	0.0332	29 of 30	0.0577750	0.0315	28 of 30
(Set 1)F12 207Pb/206Pb	0.9061273	0.0151	0.9061185	0.0129	28 of 30	0.9060040	0.0102	26 of 30
(Set 1)F13 208Pb/206Pb	2.1845214	0.0097	2.1847397	0.0073	28 of 30	2.1846014	0.0062	26 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0101239	0.0418	17.0101239	0.0418	30 of 30	17.0101239	0.0418	30 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.2800969	0.0446	15.2772748	0.0421	29 of 30	15.2747863	0.0402	28 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.5210373	0.0407	36.5210373	0.0407	30 of 30	36.5210373	0.0407	30 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.8982942	0.0151	0.8982855	0.0129	28 of 30	0.8981720	0.0102	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1470183	0.0097	2.1472328	0.0073	28 of 30	2.1470969	0.0062	26 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0077600	0.0097	1.0078607	0.0073	28 of 30	1.0077969	0.0062	26 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.1755342	0.0451	17.1819070	0.0396	28 of 30	17.1820722	0.0354	26 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9026223	0.0141	0.9025461	0.0101	27 of 30	0.9024895	0.0082	26 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.1740861	0.0390	17.1772338	0.0356	29 of 30	17.1772338	0.0356	29 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.1733567	0.0404	17.1743332	0.0337	28 of 30	17.1720342	0.0321	27 of 30
(Set 1)F24 Tl/Pb	0.0306290	0.4131	0.0307562	0.3134	28 of 30	0.0307526	0.2690	26 of 30
(Set 1)F25 206V	0.3587218	1.4452	0.3527908	0.9426	28 of 30	0.3491676	0.6411	26 of 30
(Set 1)F31 206/205	11.1049913	0.4217	11.0562620	0.3108	28 of 30	11.0572183	0.2670	26 of 30
(Set 1)F33 206/205 Tl corr	7224.8367922	62.5695	3140.3254860	63.8472	29 of 30	3794.5285908	35.9796	26 of 30
(Set 1)F34 206/205 Tl corr mfc	7099.0003066	62.5695	3085.6297836	63.8472	29 of 30	3728.4384969	35.9796	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0001536	34.3315	0.0001577	26.5400	28 of 30	0.0001412	28.2608	27 of 30
(Mean)F1 205Tl/203Tl m/r	1.0177259	0.0000	1.0177259	0.0000	30 of 30	1.0177259	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0577749	0.0355	0.0577662	0.0333	29 of 30	0.0577662	0.0333	29 of 30
(Mean)F10 204Pb/206Pb 201	0.0577702	0.0418	0.0577702	0.0418	30 of 30	0.0577702	0.0418	30 of 30

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(counts per second) (First sample acquired : Sat Oct 30 14:50:26 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	DLC-7a-4	1	Sat Oct 30 14:50:26 2004					
(Mean)F1 205Tl/203Tl m/r	1.0177259	0.0000	1.0177259	0.0000	30 of 30	1.0177259	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0573591	0.0425	0.0573622	0.0356	28 of 30	0.0573712	0.0332	27 of 30
(Mean)F10 204Pb/206Pb 201	0.0573469	0.0445	0.0573585	0.0409	29 of 30	0.0573398	0.0366	27 of 30
(Mean)F11 204Pb/206Pb 202	0.0573607	0.0427	0.0573725	0.0388	29 of 30	0.0573639	0.0370	28 of 30
(Mean)F12 207Pb/206Pb	0.9019060	0.0130	0.9019208	0.0104	28 of 30	0.9019601	0.0097	27 of 30
(Mean)F13 208Pb/206Pb	2.1776957	0.0053	2.1776957	0.0053	30 of 30	2.1776957	0.0053	30 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.1356885	0.0445	17.1321859	0.0409	29 of 30	17.1377775	0.0366	27 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.3211833	0.0478	15.3176970	0.0435	29 of 30	15.3176970	0.0435	29 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.6756722	0.0428	36.6681809	0.0389	29 of 30	36.6742492	0.0331	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.8941094	0.0130	0.8941241	0.0104	28 of 30	0.8941631	0.0097	27 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1403098	0.0053	2.1403098	0.0053	30 of 30	2.1403098	0.0053	30 of 30
(Mean)F19 208Pb/206Pb m/r	1.0046112	0.0053	1.0046112	0.0053	30 of 30	1.0046112	0.0053	30 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.3570578	0.0468	17.3565626	0.0413	28 of 30	17.3594925	0.0391	27 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.8998281	0.0133	0.8998364	0.0115	28 of 30	0.8998364	0.0115	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.3533468	0.0448	17.3495909	0.0406	29 of 30	17.3494513	0.0360	27 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.3528588	0.0451	17.3492671	0.0415	29 of 30	17.3492671	0.0415	29 of 30
(Mean)F24 Tl/Pb	0.0333687	0.8838	0.0333687	0.8838	30 of 30	0.0333687	0.8838	30 of 30
(Mean)F25 206V	0.4408561	0.9339	0.4408561	0.9339	30 of 30	0.4408561	0.9339	30 of 30
(Mean)F31 206/205	10.2424515	0.8873	10.2424515	0.8873	30 of 30	10.2424515	0.8873	30 of 30
(Mean)F33 206/205 Tl corr	-13035.412204 6	-93.4229	-6978.6055630	-67.1516	28 of 30	-1989.0124787	-166.1120	26 of 30
(Mean)F34 206/205 Tl corr mfc	-12808.371718 2	-93.4229	-6857.0577380	-67.1516	28 of 30	-1954.3694346	-166.1120	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0000827	50.6543	0.0000832	45.0090	28 of 30	0.0000522	63.3224	26 of 30

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(counts per second) (First sample acquired : Sat Oct 30 14:54:26 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 9	1	Sat Oct 30 14:54:26 2004					
(Mean)F1 205Tl/203Tl m/r	1.0180403	0.0077	1.0180768	0.0063	27 of 30	1.0180471	0.0058	26 of 30
(Mean)F9 204Pb/206Pb 200	0.0576152	0.0088	0.0576149	0.0076	28 of 30	0.0576111	0.0066	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0576364	0.0088	0.0576345	0.0066	27 of 30	0.0576328	0.0062	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0576250	0.0088	0.0576246	0.0073	28 of 30	0.0576244	0.0063	26 of 30
(Mean)F12 207Pb/206Pb	0.9177608	0.0113	0.9177608	0.0113	30 of 30	0.9177608	0.0113	30 of 30
(Mean)F13 208Pb/206Pb	2.2069536	0.0032	2.2069881	0.0029	29 of 30	2.2069881	0.0029	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0442839	0.0103	17.0451392	0.0094	29 of 30	17.0458492	0.0075	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5049850	0.0108	15.5057017	0.0101	29 of 30	15.5057017	0.0101	29 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9589282	0.0169	36.9559498	0.0130	27 of 30	36.9583867	0.0117	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9096883	0.0088	0.9096883	0.0088	30 of 30	0.9096883	0.0088	30 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1684057	0.0089	2.1683167	0.0082	29 of 30	2.1682274	0.0067	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0181084	0.0032	1.0181243	0.0029	29 of 30	1.0181243	0.0029	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0386865	0.0093	17.0373453	0.0080	28 of 30	17.0373453	0.0080	28 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9095401	0.0123	0.9095401	0.0123	30 of 30	0.9095401	0.0123	30 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0449682	0.0089	17.0437770	0.0080	28 of 30	17.0438180	0.0072	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0420484	0.0089	17.0420752	0.0078	28 of 30	17.0409148	0.0067	26 of 30
(Mean)F24 Tl/Pb	0.1500470	0.1176	0.1501161	0.1120	29 of 30	0.1501161	0.1120	29 of 30
(Mean)F25 206V	2.6950485	0.7771	2.6842269	0.6914	29 of 30	2.6759428	0.6432	28 of 30
(Mean)F31 206/205	2.2484509	0.1163	2.2473952	0.1102	29 of 30	2.2454240	0.0988	27 of 30
(Mean)F33 206/205 Tl corr	-2495.0805684	-11.9829	-2124.6901978	-7.4684	28 of 30	-1935.7033178	-4.6987	26 of 30
(Mean)F34 206/205 Tl corr mfc	-2450.3269296	-11.9722	-2086.9067622	-7.4606	28 of 30	-1901.4752987	-4.6932	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0005081	-6.9035	-0.0004919	-5.8005	27 of 30	-0.0005051	-5.1965	26 of 30