

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb sample]

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 3)F13 208Pb/206Pb	2.2205646	0.0453	2.2214582	0.0382	28 of 30	2.2222364	0.0318	26 of 30
(Set 3)F14 206Pb/204Pb Tl fc	16.6811572	0.1460	16.6811572	0.1460	30 of 30	16.6811572	0.1460	30 of 30
(Set 3)F15 207Pb/204Pb Tl fc	15.2880896	0.1032	15.2817133	0.0978	29 of 30	15.2637763	0.0811	26 of 30
(Set 3)F16 208Pb/204Pb Tl fc	36.3993996	0.1187	36.3993996	0.1187	30 of 30	36.3993996	0.1187	30 of 30
(Set 3)F17 207Pb/206Pb Tl fc	0.9165156	0.0982	0.9174110	0.0760	28 of 30	0.9181288	0.0569	26 of 30
(Set 3)F18 208Pb/206Pb Tl fc	2.1820961	0.0453	2.1829742	0.0382	28 of 30	2.1837389	0.0318	26 of 30
(Set 3)F19 208Pb/206Pb m/r	1.0243874	0.0453	1.0247996	0.0382	28 of 30	1.0251586	0.0318	26 of 30
(Set 3)F20 206Pb/204Pb 8/6 201	16.5704012	0.1812	16.5587195	0.1729	29 of 30	16.5587195	0.1729	29 of 30
(Set 3)F21 207Pb/206Pb 8/6 corr	0.9134756	0.0779	0.9141853	0.0602	28 of 30	0.9147409	0.0459	26 of 30
(Set 3)F22 206Pb/204Pb 8/6 200	16.4864758	0.1779	16.4864758	0.1779	30 of 30	16.4864758	0.1779	30 of 30
(Set 3)F23 206Pb/204Pb 8/6 202	16.4923159	0.1767	16.4812216	0.1692	29 of 30	16.4812216	0.1692	29 of 30
(Set 3)F24 Tl/Pb	0.0095306	3.4305	0.0095306	3.4305	30 of 30	0.0095306	3.4305	30 of 30
(Set 3)F25 206V	0.1190970	2.5328	0.1163945	2.1749	28 of 30	0.1141455	1.8792	26 of 30
(Set 3)F31 206/205	36.4743271	3.4167	35.9961454	3.3093	29 of 30	35.9961454	3.3093	29 of 30
(Set 3)F33 206/205 Tl corr	2150.3635119	75.1337	1606.2477915	63.3311	28 of 30	513.5901162	142.2009	26 of 30
(Set 3)F34 206/205 Tl corr mfc	2112.5696898	75.1337	1578.0171026	63.3311	28 of 30	504.5634873	142.2009	26 of 30
(Set 3)F35 205/206 Tl corr mfc	-0.0000850	-155.5651	-0.0000850	-155.5651	30 of 30	-0.0000850	-155.5651	30 of 30
(Set 4)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 4)F9 204Pb/206Pb 200	0.0580453	0.4207	0.0581376	0.4025	29 of 30	0.0584297	0.3216	26 of 30
(Set 4)F10 204Pb/206Pb 201	0.0576681	0.4290	0.0576681	0.4290	30 of 30	0.0576681	0.4290	30 of 30
(Set 4)F11 204Pb/206Pb 202	0.0580518	0.4179	0.0581467	0.3974	29 of 30	0.0584258	0.3270	26 of 30
(Set 4)F12 207Pb/206Pb	0.9072727	0.3633	0.9100059	0.3175	28 of 30	0.9125496	0.2704	26 of 30
(Set 4)F13 208Pb/206Pb	2.1888469	0.2544	2.1888469	0.2544	30 of 30	2.1888469	0.2544	30 of 30
(Set 4)F14 206Pb/204Pb Tl fc	17.0466626	0.4361	17.0466626	0.4361	30 of 30	17.0466626	0.4361	30 of 30
(Set 4)F15 207Pb/204Pb Tl fc	15.3243450	0.1409	15.3265756	0.1206	28 of 30	15.3265756	0.1206	28 of 30
(Set 4)F16 208Pb/204Pb Tl fc	36.6549283	0.2059	36.6522198	0.1833	28 of 30	36.5976571	0.1635	26 of 30

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	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
(Set 4)F16 208Pb/204Pb Tl fc	36.6549283	0.2059	36.6522198	0.1833	28 of 30	36.5976571	0.1635	26 of 30
(Set 4)F17 207Pb/206Pb Tl fc	0.8993581	0.3633	0.9020675	0.3175	28 of 30	0.9045890	0.2704	26 of 30
(Set 4)F18 208Pb/206Pb Tl fc	2.1509278	0.2544	2.1509278	0.2544	30 of 30	2.1509278	0.2544	30 of 30
(Set 4)F19 208Pb/206Pb m/r	1.0097554	0.2544	1.0097554	0.2544	30 of 30	1.0097554	0.2544	30 of 30
(Set 4)F20 206Pb/204Pb 8/6 201	17.1895082	0.6921	17.1441272	0.6640	29 of 30	17.0019038	0.5370	26 of 30
(Set 4)F21 207Pb/206Pb 8/6 corr	0.9028104	0.2387	0.9046776	0.2039	28 of 30	0.9063892	0.1679	26 of 30
(Set 4)F22 206Pb/204Pb 8/6 200	17.0773257	0.6833	17.0321898	0.6540	29 of 30	16.8927191	0.5285	26 of 30
(Set 4)F23 206Pb/204Pb 8/6 202	17.0753000	0.6812	17.0292886	0.6494	29 of 30	17.0292886	0.6494	29 of 30
(Set 4)F24 Tl/Pb	0.0136404	9.4902	0.0119970	8.4844	27 of 30	0.0114646	7.8640	26 of 30
(Set 4)F25 206V	0.1134556	2.5229	0.1123296	2.4249	29 of 30	0.1123296	2.4249	29 of 30
(Set 4)F31 206/205	31.0808644	8.0629	31.0808644	8.0629	30 of 30	31.0808644	8.0629	30 of 30
(Set 4)F33 206/205 Tl corr	-943.7640040	-164.9154	386.8575430	216.0279	29 of 30	207.6669975	320.5720	27 of 30
(Set 4)F34 206/205 Tl corr mfc	-927.1768322	-164.9154	380.0583088	216.0279	29 of 30	204.0171358	320.5720	27 of 30
(Set 4)F35 205/206 Tl corr mfc	-0.0000134	-974.5982	-0.0001298	-84.7483	28 of 30	-0.0001334	-73.5331	26 of 30
(Set 5)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 5)F9 204Pb/206Pb 200	0.0593644	0.1883	0.0593119	0.1723	29 of 30	0.0593133	0.1558	27 of 30
(Set 5)F10 204Pb/206Pb 201	0.0586577	0.1893	0.0586098	0.1769	29 of 30	0.0586035	0.1581	27 of 30
(Set 5)F11 204Pb/206Pb 202	0.0593895	0.1842	0.0593382	0.1686	29 of 30	0.0593777	0.1604	28 of 30
(Set 5)F12 207Pb/206Pb	0.9198766	0.0564	0.9203007	0.0497	28 of 30	0.9206849	0.0436	26 of 30
(Set 5)F13 208Pb/206Pb	2.2102714	0.0516	2.2107538	0.0484	29 of 30	2.2119972	0.0411	26 of 30
(Set 5)F14 206Pb/204Pb Tl fc	16.7517135	0.1890	16.7651388	0.1770	29 of 30	16.7665497	0.1585	27 of 30
(Set 5)F15 207Pb/204Pb Tl fc	15.2749833	0.1854	15.2749833	0.1854	30 of 30	15.2749833	0.1854	30 of 30
(Set 5)F16 208Pb/204Pb Tl fc	36.3841577	0.1835	36.3841577	0.1835	30 of 30	36.3841577	0.1835	30 of 30
(Set 5)F17 207Pb/206Pb Tl fc	0.9118520	0.0564	0.9122725	0.0497	28 of 30	0.9126533	0.0436	26 of 30
(Set 5)F18 208Pb/206Pb Tl fc	2.1719813	0.0516	2.1724553	0.0484	29 of 30	2.1736771	0.0411	26 of 30
(Set 5)F19 208Pb/206Pb m/r	1.0196390	0.0516	1.0198615	0.0484	29 of 30	1.0204351	0.0411	26 of 30

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(Set 5)F19 208Pb/206Pb m/r	1.0196390	0.0516	1.0198615	0.0484	29 of 30	1.0204351	0.0411	26 of 30
(Set 5)F20 206Pb/204Pb 8/6 201	16.7186313	0.2078	16.7482183	0.1791	28 of 30	16.7482183	0.1791	28 of 30
(Set 5)F21 207Pb/206Pb 8/6 corr	0.9109495	0.0333	0.9110781	0.0312	29 of 30	0.9111896	0.0297	28 of 30
(Set 5)F22 206Pb/204Pb 8/6 200	16.5196590	0.2135	16.5355636	0.1971	29 of 30	16.5483930	0.1876	28 of 30
(Set 5)F23 206Pb/204Pb 8/6 202	16.5126011	0.2091	16.5281825	0.1930	29 of 30	16.5404815	0.1844	28 of 30
(Set 5)F24 Tl/Pb	0.0300501	8.6172	0.0300501	8.6172	30 of 30	0.0300501	8.6172	30 of 30
(Set 5)F25 206V	0.0800668	3.4678	0.0774909	2.9362	28 of 30	0.0751448	2.2790	26 of 30
(Set 5)F31 206/205	14.8155995	11.3448	13.0852324	9.6009	28 of 30	11.8135755	8.0872	26 of 30
(Set 5)F33 206/205 Tl corr	-27258.582319 3	-107.4105	1972.0354400	87.9291	29 of 30	174.2977128	427.7945	26 of 30
(Set 5)F34 206/205 Tl corr mfc	-26779.497734 1	-107.4105	1937.3758319	87.9291	29 of 30	171.2343346	427.7945	26 of 30
(Set 5)F35 205/206 Tl corr mfc	0.0004006	43.1735	0.0003321	49.4981	29 of 30	0.0003321	49.4981	29 of 30
(Set 6)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 6)F9 204Pb/206Pb 200	0.0590481	0.1525	0.0589982	0.1315	29 of 30	0.0589982	0.1315	29 of 30
(Set 6)F10 204Pb/206Pb 201	0.0582832	0.1641	0.0582823	0.1389	28 of 30	0.0582436	0.1267	27 of 30
(Set 6)F11 204Pb/206Pb 202	0.0590799	0.1491	0.0589917	0.1136	28 of 30	0.0590449	0.1022	26 of 30
(Set 6)F12 207Pb/206Pb	0.9196946	0.0343	0.9195472	0.0314	29 of 30	0.9195472	0.0314	29 of 30
(Set 6)F13 208Pb/206Pb	2.2104931	0.0249	2.2104931	0.0249	30 of 30	2.2104931	0.0249	30 of 30
(Set 6)F14 206Pb/204Pb Tl fc	16.8589058	0.1641	16.8587400	0.1390	28 of 30	16.8697587	0.1272	27 of 30
(Set 6)F15 207Pb/204Pb Tl fc	15.3697645	0.1648	15.3687918	0.1472	28 of 30	15.3694776	0.1264	26 of 30
(Set 6)F16 208Pb/204Pb Tl fc	36.6207551	0.1576	36.6440527	0.1235	27 of 30	36.6240120	0.1151	26 of 30
(Set 6)F17 207Pb/206Pb Tl fc	0.9116717	0.0343	0.9115255	0.0314	29 of 30	0.9115255	0.0314	29 of 30
(Set 6)F18 208Pb/206Pb Tl fc	2.1721991	0.0249	2.1721991	0.0249	30 of 30	2.1721991	0.0249	30 of 30
(Set 6)F19 208Pb/206Pb m/r	1.0197412	0.0249	1.0197412	0.0249	30 of 30	1.0197412	0.0249	30 of 30
(Set 6)F20 206Pb/204Pb 8/6 201	16.8237580	0.1742	16.8237077	0.1467	28 of 30	16.8250907	0.1285	26 of 30
(Set 6)F21 207Pb/206Pb 8/6 corr	0.9107242	0.0257	0.9106137	0.0235	29 of 30	0.9106137	0.0235	29 of 30
(Set 6)F22 206Pb/204Pb 8/6 200	16.6056349	0.1595	16.6202737	0.1375	29 of 30	16.6024097	0.1241	27 of 30

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(Set 6)F22 206Pb/204Pb 8/6 200	16.6056349	0.1595	16.6202737	0.1375	29 of 30	16.6024097	0.1241	27 of 30
(Set 6)F23 206Pb/204Pb 8/6 202	16.5966272	0.1556	16.6219014	0.1203	28 of 30	16.6051428	0.1057	26 of 30
(Set 6)F24 TI/Pb	0.0049893	6.0667	0.0049893	6.0667	30 of 30	0.0049893	6.0667	30 of 30
(Set 6)F25 206V	0.1071013	3.7178	0.1012959	2.5264	27 of 30	0.0996253	2.0223	26 of 30
(Set 6)F31 206/205	78.3116575	8.7023	71.2375755	7.0974	28 of 30	66.2469196	5.8871	26 of 30
(Set 6)F33 206/205 TI corr	1611.8165681	61.0159	396.0700037	118.7529	28 of 30	252.0366204	142.0689	26 of 30
(Set 6)F34 206/205 TI corr mfc	1583.4880049	61.0159	389.1088554	118.7529	28 of 30	247.6069381	142.0689	26 of 30
(Set 6)F35 205/206 TI corr mfc	0.0002594	68.9771	0.0003035	42.3578	28 of 30	0.0003541	34.6278	27 of 30
(Set 7)F1 205TI/203TI m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 7)F9 204Pb/206Pb 200	0.0587948	0.1456	0.0588334	0.1344	29 of 30	0.0587395	0.1126	26 of 30
(Set 7)F10 204Pb/206Pb 201	0.0578506	0.1636	0.0578071	0.1505	29 of 30	0.0578071	0.1505	29 of 30
(Set 7)F11 204Pb/206Pb 202	0.0587926	0.1595	0.0587952	0.1417	28 of 30	0.0587250	0.1241	26 of 30
(Set 7)F12 207Pb/206Pb	0.9152562	0.0658	0.9161435	0.0411	27 of 30	0.9163522	0.0355	26 of 30
(Set 7)F13 208Pb/206Pb	2.2046116	0.0229	2.2046116	0.0229	30 of 30	2.2046116	0.0229	30 of 30
(Set 7)F14 206Pb/204Pb TI fc	16.9849818	0.1632	16.9975196	0.1506	29 of 30	16.9975196	0.1506	29 of 30
(Set 7)F15 207Pb/204Pb TI fc	15.4099044	0.1640	15.4200331	0.1554	29 of 30	15.4200331	0.1554	29 of 30
(Set 7)F16 208Pb/204Pb TI fc	36.7965931	0.1647	36.8232459	0.1530	29 of 30	36.8232459	0.1530	29 of 30
(Set 7)F17 207Pb/206Pb TI fc	0.9072719	0.0658	0.9081515	0.0411	27 of 30	0.9083584	0.0355	26 of 30
(Set 7)F18 208Pb/206Pb TI fc	2.1664195	0.0229	2.1664195	0.0229	30 of 30	2.1664195	0.0229	30 of 30
(Set 7)F19 208Pb/206Pb m/r	1.0170280	0.0229	1.0170280	0.0229	30 of 30	1.0170280	0.0229	30 of 30
(Set 7)F20 206Pb/204Pb 8/6 201	16.9951431	0.1650	17.0079267	0.1519	29 of 30	17.0079267	0.1519	29 of 30
(Set 7)F21 207Pb/206Pb 8/6 corr	0.9075397	0.0568	0.9083295	0.0324	27 of 30	0.9085085	0.0267	26 of 30
(Set 7)F22 206Pb/204Pb 8/6 200	16.7220099	0.1554	16.7095662	0.1413	29 of 30	16.7196688	0.1178	26 of 30
(Set 7)F23 206Pb/204Pb 8/6 202	16.7228318	0.1686	16.7211154	0.1473	28 of 30	16.7419964	0.1283	26 of 30
(Set 7)F24 TI/Pb	0.0014825	8.5590	0.0014309	8.3861	29 of 30	0.0013830	8.2458	28 of 30
(Set 7)F25 206V	0.0908137	2.8436	0.0908137	2.8436	30 of 30	0.0908137	2.8436	30 of 30
(Set 7)F31 206/205	284.9202946	9.3356	274.1185239	9.1786	29 of 30	245.0008314	8.7687	26 of 30

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(Set 7)F31 206/205	284.9202946	9.3356	274.1185239	9.1786	29 of 30	245.0008314	8.7687	26 of 30
(Set 7)F33 206/205 Tl corr	-424.1324307	-126.3276	124.4059198	322.9696	28 of 30	497.1810889	65.6469	26 of 30
(Set 7)F34 206/205 Tl corr mfc	-416.6780698	-126.3276	122.2194173	322.9696	28 of 30	488.4428576	65.6469	26 of 30
(Set 7)F35 205/206 Tl corr mfc	0.0001986	94.5681	0.0003703	42.0394	28 of 30	0.0003012	48.0614	27 of 30
(Set 8)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 8)F9 204Pb/206Pb 200	0.0584223	0.1244	0.0584223	0.1244	30 of 30	0.0584223	0.1244	30 of 30
(Set 8)F10 204Pb/206Pb 201	0.0574098	0.1113	0.0574100	0.0923	28 of 30	0.0574551	0.0798	26 of 30
(Set 8)F11 204Pb/206Pb 202	0.0584275	0.1112	0.0584275	0.1112	30 of 30	0.0584275	0.1112	30 of 30
(Set 8)F12 207Pb/206Pb	0.9118468	0.0473	0.9120493	0.0432	29 of 30	0.9122015	0.0413	28 of 30
(Set 8)F13 208Pb/206Pb	2.1975235	0.0336	2.1983688	0.0214	28 of 30	2.1988867	0.0147	26 of 30
(Set 8)F14 206Pb/204Pb Tl fc	17.1146680	0.1115	17.1144033	0.0926	28 of 30	17.1008311	0.0799	26 of 30
(Set 8)F15 207Pb/204Pb Tl fc	15.4698588	0.1285	15.4687616	0.1075	28 of 30	15.4683856	0.0953	26 of 30
(Set 8)F16 208Pb/204Pb Tl fc	36.9583267	0.1154	36.9362452	0.0853	27 of 30	36.9218530	0.0789	26 of 30
(Set 8)F17 207Pb/206Pb Tl fc	0.9038923	0.0473	0.9040930	0.0432	29 of 30	0.9042439	0.0413	28 of 30
(Set 8)F18 208Pb/206Pb Tl fc	2.1594541	0.0336	2.1602848	0.0214	28 of 30	2.1607937	0.0147	26 of 30
(Set 8)F19 208Pb/206Pb m/r	1.0137581	0.0336	1.0141481	0.0214	28 of 30	1.0143870	0.0147	26 of 30
(Set 8)F20 206Pb/204Pb 8/6 201	17.1806994	0.1177	17.1821270	0.1029	28 of 30	17.1673964	0.0905	26 of 30
(Set 8)F21 207Pb/206Pb 8/6 corr	0.9056210	0.0387	0.9057687	0.0363	29 of 30	0.9058994	0.0345	28 of 30
(Set 8)F22 206Pb/204Pb 8/6 200	16.8831204	0.1341	16.8734949	0.1257	29 of 30	16.8817180	0.1200	28 of 30
(Set 8)F23 206Pb/204Pb 8/6 202	16.8814720	0.1200	16.8729116	0.1127	29 of 30	16.8729116	0.1127	29 of 30
(Set 8)F24 Tl/Pb	0.0040287	3.6050	0.0039071	3.2428	28 of 30	0.0039033	2.8964	26 of 30
(Set 8)F25 206V	0.1058980	4.8657	0.1058980	4.8657	30 of 30	0.1058980	4.8657	30 of 30
(Set 8)F31 206/205	86.9026300	3.3602	85.4573513	3.0734	29 of 30	85.4573513	3.0734	29 of 30
(Set 8)F33 206/205 Tl corr	1451.8360426	229.1254	416.0975266	278.1448	28 of 30	-44.8725369	-1061.9815	26 of 30
(Set 8)F34 206/205 Tl corr mfc	1426.3192252	229.1254	408.7843836	278.1448	28 of 30	-44.0838774	-1061.9815	26 of 30
(Set 8)F35 205/206 Tl corr mfc	-0.0000256	-704.8702	-0.0001269	-121.8440	29 of 30	-0.0000476	-265.3688	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 8)F35 205/206 Tl corr mfc	-0.0000256	-704.8702	-0.0001269	-121.8440	29 of 30	-0.0000476	-265.3688	26 of 30
(Set 9)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 9)F9 204Pb/206Pb 200	0.0585815	0.1425	0.0585815	0.1425	30 of 30	0.0585815	0.1425	30 of 30
(Set 9)F10 204Pb/206Pb 201	0.0574500	0.1476	0.0574172	0.1409	29 of 30	0.0574488	0.1344	28 of 30
(Set 9)F11 204Pb/206Pb 202	0.0586143	0.1300	0.0586453	0.1229	29 of 30	0.0586453	0.1229	29 of 30
(Set 9)F12 207Pb/206Pb	0.9143061	0.0409	0.9143061	0.0409	30 of 30	0.9143061	0.0409	30 of 30
(Set 9)F13 208Pb/206Pb	2.2006803	0.0266	2.2006803	0.0266	30 of 30	2.2006803	0.0266	30 of 30
(Set 9)F14 206Pb/204Pb Tl fc	17.1031768	0.1476	17.1128171	0.1412	29 of 30	17.1032939	0.1345	28 of 30
(Set 9)F15 207Pb/204Pb Tl fc	15.5010496	0.1418	15.4922179	0.1344	29 of 30	15.4922179	0.1344	29 of 30
(Set 9)F16 208Pb/204Pb Tl fc	36.9864536	0.1417	36.9661692	0.1354	29 of 30	36.9661692	0.1354	29 of 30
(Set 9)F17 207Pb/206Pb Tl fc	0.9063302	0.0409	0.9063302	0.0409	30 of 30	0.9063302	0.0409	30 of 30
(Set 9)F18 208Pb/206Pb Tl fc	2.1625563	0.0266	2.1625563	0.0266	30 of 30	2.1625563	0.0266	30 of 30
(Set 9)F19 208Pb/206Pb m/r	1.0152144	0.0266	1.0152144	0.0266	30 of 30	1.0152144	0.0266	30 of 30
(Set 9)F20 206Pb/204Pb 8/6 201	17.1443362	0.1580	17.1547403	0.1509	29 of 30	17.1547403	0.1509	29 of 30
(Set 9)F21 207Pb/206Pb 8/6 corr	0.9074099	0.0309	0.9071850	0.0275	28 of 30	0.9071808	0.0243	26 of 30
(Set 9)F22 206Pb/204Pb 8/6 200	16.8131484	0.1570	16.8131484	0.1570	30 of 30	16.8131484	0.1570	30 of 30
(Set 9)F23 206Pb/204Pb 8/6 202	16.8035665	0.1445	16.7936689	0.1367	29 of 30	16.7936689	0.1367	29 of 30
(Set 9)F24 Tl/Pb	0.0017237	4.3690	0.0016950	4.2534	29 of 30	0.0016660	3.7245	26 of 30
(Set 9)F25 206V	0.0940577	2.0742	0.0956853	1.7823	28 of 30	0.0970445	1.5764	26 of 30
(Set 9)F31 206/205	205.0183556	4.5272	200.7043349	4.2383	29 of 30	189.7866350	3.4957	26 of 30
(Set 9)F33 206/205 Tl corr	1648.0682190	267.7322	1499.2674873	82.1493	28 of 30	43.0009122	1105.1472	26 of 30
(Set 9)F34 206/205 Tl corr mfc	1619.1025131	267.7322	1472.9170361	82.1493	28 of 30	42.2451475	1105.1472	26 of 30
(Set 9)F35 205/206 Tl corr mfc	0.0001750	87.3216	0.0001750	87.3216	30 of 30	0.0001750	87.3216	30 of 30
(Set 10)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 10)F9 204Pb/206Pb 200	0.0587147	0.1258	0.0586478	0.1047	28 of 30	0.0586478	0.1047	28 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb sample]

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 10)F10 204Pb/206Pb 201	0.0577551	0.1316	0.0577551	0.1316	30 of 30	0.0577551	0.1316	30 of 30
(Set 10)F11 204Pb/206Pb 202	0.0587077	0.1214	0.0586394	0.0972	28 of 30	0.0586394	0.0972	28 of 30
(Set 10)F12 207Pb/206Pb	0.9161652	0.0491	0.9164225	0.0417	29 of 30	0.9163154	0.0349	26 of 30
(Set 10)F13 208Pb/206Pb	2.2056730	0.0259	2.2059038	0.0245	29 of 30	2.2059038	0.0245	29 of 30
(Set 10)F14 206Pb/204Pb Tl fc	17.0125996	0.1317	17.0125996	0.1317	30 of 30	17.0125996	0.1317	30 of 30
(Set 10)F15 207Pb/204Pb Tl fc	15.4503068	0.1278	15.4578062	0.1223	29 of 30	15.4504587	0.1169	28 of 30
(Set 10)F16 208Pb/204Pb Tl fc	36.8740650	0.1266	36.8928042	0.1199	29 of 30	36.8752528	0.1141	28 of 30
(Set 10)F17 207Pb/206Pb Tl fc	0.9081730	0.0491	0.9084281	0.0417	29 of 30	0.9083219	0.0349	26 of 30
(Set 10)F18 208Pb/206Pb Tl fc	2.1674625	0.0259	2.1676893	0.0245	29 of 30	2.1676893	0.0245	29 of 30
(Set 10)F19 208Pb/206Pb m/r	1.0175176	0.0259	1.0176241	0.0245	29 of 30	1.0176241	0.0245	29 of 30
(Set 10)F20 206Pb/204Pb 8/6 201	17.0145647	0.1416	17.0145647	0.1416	30 of 30	17.0145647	0.1416	30 of 30
(Set 10)F21 207Pb/206Pb 8/6 corr	0.9082227	0.0436	0.9085056	0.0316	29 of 30	0.9083943	0.0254	26 of 30
(Set 10)F22 206Pb/204Pb 8/6 200	16.7363745	0.1296	16.7537245	0.1154	28 of 30	16.7537245	0.1154	28 of 30
(Set 10)F23 206Pb/204Pb 8/6 202	16.7382989	0.1234	16.7560503	0.1061	28 of 30	16.7488940	0.1008	27 of 30
(Set 10)F24 Tl/Pb	0.0033759	6.6103	0.0032817	6.3808	29 of 30	0.0030314	5.7539	26 of 30
(Set 10)F25 206V	0.1134195	5.2670	0.1086482	4.9068	28 of 30	0.1035024	4.1248	26 of 30
(Set 10)F31 206/205	111.5278483	5.8852	111.5278483	5.8852	30 of 30	111.5278483	5.8852	30 of 30
(Set 10)F33 206/205 Tl corr	8882.9097493	87.0094	1186.5768638	61.8930	29 of 30	94.8369480	399.3390	26 of 30
(Set 10)F34 206/205 Tl corr mfc	8726.7877221	87.0094	1165.7221225	61.8930	29 of 30	93.1701364	399.3390	26 of 30
(Set 10)F35 205/206 Tl corr mfc	0.0002313	71.8882	0.0002313	71.8882	30 of 30	0.0002313	71.8882	30 of 30
(Set 11)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 11)F9 204Pb/206Pb 200	0.0585543	0.2356	0.0586207	0.2135	29 of 30	0.0587198	0.1912	27 of 30
(Set 11)F10 204Pb/206Pb 201	0.0574528	0.2315	0.0575311	0.1935	29 of 30	0.0575825	0.1777	28 of 30
(Set 11)F11 204Pb/206Pb 202	0.0586054	0.2266	0.0586169	0.1965	28 of 30	0.0587079	0.1769	26 of 30
(Set 11)F12 207Pb/206Pb	0.9133587	0.1145	0.9144792	0.0806	28 of 30	0.9152937	0.0555	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 11)F13 208Pb/206Pb	2.2000351	0.0685	2.2023813	0.0364	27 of 30	2.2029171	0.0281	26 of 30
(Set 11)F14 206Pb/204Pb Tl fc	17.1039573	0.2353	17.0797767	0.1949	29 of 30	17.0641866	0.1786	28 of 30
(Set 11)F15 207Pb/204Pb Tl fc	15.4848259	0.1613	15.4739879	0.1506	29 of 30	15.4640195	0.1411	28 of 30
(Set 11)F16 208Pb/204Pb Tl fc	36.9761109	0.1875	36.9395000	0.1649	29 of 30	36.9395000	0.1649	29 of 30
(Set 11)F17 207Pb/206Pb Tl fc	0.9053910	0.1145	0.9065018	0.0806	28 of 30	0.9073091	0.0555	26 of 30
(Set 11)F18 208Pb/206Pb Tl fc	2.1619222	0.0685	2.1642278	0.0364	27 of 30	2.1647543	0.0281	26 of 30
(Set 11)F19 208Pb/206Pb m/r	1.0149167	0.0685	1.0159991	0.0364	27 of 30	1.0162463	0.0281	26 of 30
(Set 11)F20 206Pb/204Pb 8/6 201	17.1509570	0.2932	17.0983276	0.2095	28 of 30	17.0662968	0.1766	26 of 30
(Set 11)F21 207Pb/206Pb 8/6 corr	0.9065980	0.0821	0.9073755	0.0596	28 of 30	0.9079272	0.0454	26 of 30
(Set 11)F22 206Pb/204Pb 8/6 200	16.8283865	0.2942	16.7811273	0.2341	28 of 30	16.7448573	0.1943	26 of 30
(Set 11)F23 206Pb/204Pb 8/6 202	16.8134547	0.2830	16.7881679	0.2485	29 of 30	16.7355278	0.1975	26 of 30
(Set 11)F24 Tl/Pb	0.0072313	6.6522	0.0076097	5.6790	28 of 30	0.0080151	4.4128	26 of 30
(Set 11)F25 206V	0.1084220	5.1809	0.1084220	5.1809	30 of 30	0.1084220	5.1809	30 of 30
(Set 11)F31 206/205	60.1954102	12.6998	48.5278653	9.0014	27 of 30	45.4001030	6.9799	26 of 30
(Set 11)F33 206/205 Tl corr	860.5953137	180.9709	788.8892326	74.4061	28 of 30	790.1680593	57.8914	26 of 30
(Set 11)F34 206/205 Tl corr mfc	845.4698774	180.9709	775.0240702	74.4061	28 of 30	776.2804209	57.8914	26 of 30
(Set 11)F35 205/206 Tl corr mfc	0.0003447	45.0473	0.0003447	45.0473	30 of 30	0.0003447	45.0473	30 of 30
(Set 12)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 12)F9 204Pb/206Pb 200	0.0584553	0.1543	0.0584553	0.1543	30 of 30	0.0584553	0.1543	30 of 30
(Set 12)F10 204Pb/206Pb 201	0.0566784	0.2022	0.0567219	0.1935	29 of 30	0.0567219	0.1935	29 of 30
(Set 12)F11 204Pb/206Pb 202	0.0585305	0.1596	0.0585305	0.1596	30 of 30	0.0585305	0.1596	30 of 30
(Set 12)F12 207Pb/206Pb	0.9100801	0.0456	0.9100801	0.0456	30 of 30	0.9100801	0.0456	30 of 30
(Set 12)F13 208Pb/206Pb	2.1936049	0.0305	2.1938792	0.0288	29 of 30	2.1944077	0.0252	27 of 30
(Set 12)F14 206Pb/204Pb Tl fc	17.3369725	0.2021	17.3234413	0.1931	29 of 30	17.3234413	0.1931	29 of 30
(Set 12)F15 207Pb/204Pb Tl fc	15.6404648	0.2147	15.6404648	0.2147	30 of 30	15.6404648	0.2147	30 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb sample]

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 12)F16 208Pb/204Pb Tl fc	37.3717573	0.2097	37.3717573	0.2097	30 of 30	37.3717573	0.2097	30 of 30
(Set 12)F17 207Pb/206Pb Tl fc	0.9021410	0.0456	0.9021410	0.0456	30 of 30	0.9021410	0.0456	30 of 30
(Set 12)F18 208Pb/206Pb Tl fc	2.1556034	0.0305	2.1558730	0.0288	29 of 30	2.1563923	0.0252	27 of 30
(Set 12)F19 208Pb/206Pb m/r	1.0119504	0.0305	1.0120769	0.0288	29 of 30	1.0123207	0.0252	27 of 30
(Set 12)F20 206Pb/204Pb 8/6 201	17.4351695	0.1989	17.4208569	0.1877	29 of 30	17.4338211	0.1784	28 of 30
(Set 12)F21 207Pb/206Pb 8/6 corr	0.9046751	0.0339	0.9046751	0.0339	30 of 30	0.9046751	0.0339	30 of 30
(Set 12)F22 206Pb/204Pb 8/6 200	16.9043325	0.1502	16.9140916	0.1435	29 of 30	16.9328914	0.1298	27 of 30
(Set 12)F23 206Pb/204Pb 8/6 202	16.8827010	0.1562	16.8931605	0.1483	29 of 30	16.9234817	0.1220	26 of 30
(Set 12)F24 Tl/Pb	0.0010836	6.1533	0.0010510	5.7276	29 of 30	0.0009742	4.8608	26 of 30
(Set 12)F25 206V	0.0677420	1.3270	0.0672317	1.1394	29 of 30	0.0668426	0.9112	26 of 30
(Set 12)F31 206/205	344.5592374	6.7314	335.5279148	6.5905	29 of 30	306.2679171	5.4599	26 of 30
(Set 12)F33 206/205 Tl corr	-2796.3827533	-138.1937	2345.7936441	54.3471	28 of 30	770.0523334	69.3180	26 of 30
(Set 12)F34 206/205 Tl corr mfc	-2747.2347875	-138.1937	2304.5650299	54.3471	28 of 30	756.5182398	69.3180	26 of 30
(Set 12)F35 205/206 Tl corr mfc	0.0002792	67.6461	0.0003793	43.7062	29 of 30	0.0003127	42.0048	26 of 30
(Set 13)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 13)F9 204Pb/206Pb 200	0.0583225	0.2581	0.0583797	0.2470	29 of 30	0.0583797	0.2470	29 of 30
(Set 13)F10 204Pb/206Pb 201	0.0566383	0.2106	0.0566383	0.2106	30 of 30	0.0566383	0.2106	30 of 30
(Set 13)F11 204Pb/206Pb 202	0.0583065	0.2285	0.0583065	0.2285	30 of 30	0.0583065	0.2285	30 of 30
(Set 13)F12 207Pb/206Pb	0.9053785	0.0755	0.9061374	0.0515	28 of 30	0.9065176	0.0457	26 of 30
(Set 13)F13 208Pb/206Pb	2.1855286	0.0577	2.1867936	0.0437	28 of 30	2.1875964	0.0381	26 of 30
(Set 13)F14 206Pb/204Pb Tl fc	17.3494108	0.2106	17.3494108	0.2106	30 of 30	17.3494108	0.2106	30 of 30
(Set 13)F15 207Pb/204Pb Tl fc	15.5706823	0.2164	15.5575607	0.2065	29 of 30	15.5442600	0.1950	28 of 30
(Set 13)F16 208Pb/204Pb Tl fc	37.2605489	0.2095	37.2298995	0.1996	29 of 30	37.1984561	0.1876	28 of 30
(Set 13)F17 207Pb/206Pb Tl fc	0.8974805	0.0755	0.8982327	0.0515	28 of 30	0.8986096	0.0457	26 of 30
(Set 13)F18 208Pb/206Pb Tl fc	2.1476670	0.0577	2.1489101	0.0437	28 of 30	2.1496991	0.0381	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 13)F19 208Pb/206Pb m/r	1.0082246	0.0577	1.0088082	0.0437	28 of 30	1.0091786	0.0381	26 of 30
(Set 13)F20 206Pb/204Pb 8/6 201	17.5130413	0.2274	17.5130413	0.2274	30 of 30	17.5130413	0.2274	30 of 30
(Set 13)F21 207Pb/206Pb 8/6 corr	0.9016658	0.0488	0.9021612	0.0324	28 of 30	0.9023103	0.0289	27 of 30
(Set 13)F22 206Pb/204Pb 8/6 200	17.0085847	0.2855	16.9894539	0.2719	29 of 30	16.9894539	0.2719	29 of 30
(Set 13)F23 206Pb/204Pb 8/6 202	17.0125345	0.2581	17.0125345	0.2581	30 of 30	17.0125345	0.2581	30 of 30
(Set 13)F24 Tl/Pb	0.0010124	12.6054	0.0010124	12.6054	30 of 30	0.0010124	12.6054	30 of 30
(Set 13)F25 206V	0.0592570	1.2784	0.0584673	0.9516	28 of 30	0.0580202	0.8579	26 of 30
(Set 13)F31 206/205	643.3435822	17.6191	536.1120283	17.0190	28 of 30	438.6377158	15.0504	26 of 30
(Set 13)F33 206/205 Tl corr	526.6962138	150.8279	441.7096535	86.5688	28 of 30	537.1364807	50.9015	26 of 30
(Set 13)F34 206/205 Tl corr mfc	517.4392380	150.8279	433.9463632	86.5688	28 of 30	527.6960114	50.9015	26 of 30
(Set 13)F35 205/206 Tl corr mfc	0.0001816	155.3390	0.0001642	151.3012	28 of 30	0.0002630	89.9354	27 of 30
(Set 14)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 14)F9 204Pb/206Pb 200	0.0585691	0.1923	0.0585691	0.1923	30 of 30	0.0585691	0.1923	30 of 30
(Set 14)F10 204Pb/206Pb 201	0.0567167	0.1995	0.0566170	0.1695	28 of 30	0.0566555	0.1610	27 of 30
(Set 14)F11 204Pb/206Pb 202	0.0585434	0.1899	0.0584546	0.1698	28 of 30	0.0584074	0.1551	27 of 30
(Set 14)F12 207Pb/206Pb	0.9096670	0.0292	0.9096670	0.0265	28 of 30	0.9096670	0.0265	28 of 30
(Set 14)F13 208Pb/206Pb	2.1939663	0.0339	2.1935592	0.0293	29 of 30	2.1930246	0.0257	27 of 30
(Set 14)F14 206Pb/204Pb Tl fc	17.3251917	0.1988	17.3550604	0.1699	28 of 30	17.3430900	0.1612	27 of 30
(Set 14)F15 207Pb/204Pb Tl fc	15.6227609	0.2104	15.6512984	0.1797	28 of 30	15.6512984	0.1797	28 of 30
(Set 14)F16 208Pb/204Pb Tl fc	37.3525614	0.2091	37.4202981	0.1785	28 of 30	37.3929002	0.1691	27 of 30
(Set 14)F17 207Pb/206Pb Tl fc	0.9017316	0.0292	0.9017316	0.0265	28 of 30	0.9017316	0.0265	28 of 30
(Set 14)F18 208Pb/206Pb Tl fc	2.1559586	0.0339	2.1555585	0.0293	29 of 30	2.1550332	0.0257	27 of 30
(Set 14)F19 208Pb/206Pb m/r	1.0121171	0.0339	1.0119293	0.0293	29 of 30	1.0116827	0.0257	27 of 30
(Set 14)F20 206Pb/204Pb 8/6 201	17.4204145	0.1939	17.4488760	0.1683	28 of 30	17.4488760	0.1683	28 of 30
(Set 14)F21 207Pb/206Pb 8/6 corr	0.9041908	0.0243	0.9041845	0.0217	28 of 30	0.9042661	0.0204	27 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 14)F22 206Pb/204Pb 8/6 200	16.8693147	0.1864	16.8693147	0.1864	30 of 30	16.8693147	0.1864	30 of 30
(Set 14)F23 206Pb/204Pb 8/6 202	16.8766858	0.1851	16.8885555	0.1771	29 of 30	16.9123311	0.1586	27 of 30
(Set 14)F24 TI/Pb	0.0008312	11.9068	0.0007724	10.6686	29 of 30	0.0007010	10.0106	27 of 30
(Set 14)F25 206V	0.0799803	2.8951	0.0799803	2.8951	30 of 30	0.0799803	2.8951	30 of 30
(Set 14)F31 206/205	814.1257521	21.8574	520.7577601	14.4977	27 of 30	458.3325108	9.6280	26 of 30
(Set 14)F33 206/205 TI corr	-2507.9400536	-95.0558	-154.1806296	-253.8752	29 of 30	150.1372634	163.7719	26 of 30
(Set 14)F34 206/205 TI corr mfc	-2463.8616269	-95.0558	-151.4708202	-253.8752	29 of 30	147.4985183	163.7719	26 of 30
(Set 14)F35 205/206 TI corr mfc	-0.0000909	-280.0208	0.0000400	565.3531	29 of 30	0.0002241	89.2420	27 of 30
(Set 15)F1 205TI/203TI m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 15)F9 204Pb/206Pb 200	0.0587053	0.1948	0.0586075	0.1682	28 of 30	0.0585600	0.1531	27 of 30
(Set 15)F10 204Pb/206Pb 201	0.0568069	0.2050	0.0567609	0.1952	29 of 30	0.0567609	0.1952	29 of 30
(Set 15)F11 204Pb/206Pb 202	0.0586543	0.1739	0.0586108	0.1629	29 of 30	0.0585723	0.1546	28 of 30
(Set 15)F12 207Pb/206Pb	0.9137204	0.0337	0.9135984	0.0320	29 of 30	0.9135984	0.0320	29 of 30
(Set 15)F13 208Pb/206Pb	2.2005278	0.0161	2.2005129	0.0143	28 of 30	2.2005129	0.0143	28 of 30
(Set 15)F14 206Pb/204Pb TI fc	17.2978219	0.2050	17.3115600	0.1955	29 of 30	17.3115600	0.1955	29 of 30
(Set 15)F15 207Pb/204Pb TI fc	15.6675092	0.2094	15.6542355	0.1984	29 of 30	15.6416807	0.1655	26 of 30
(Set 15)F16 208Pb/204Pb TI fc	37.4049691	0.2079	37.3753134	0.1991	29 of 30	37.3435153	0.1672	26 of 30
(Set 15)F17 207Pb/206Pb TI fc	0.9057496	0.0337	0.9056286	0.0320	29 of 30	0.9056286	0.0320	29 of 30
(Set 15)F18 208Pb/206Pb TI fc	2.1624064	0.0161	2.1623918	0.0143	28 of 30	2.1623918	0.0143	28 of 30
(Set 15)F19 208Pb/206Pb m/r	1.0151440	0.0161	1.0151372	0.0143	28 of 30	1.0151372	0.0143	28 of 30
(Set 15)F20 206Pb/204Pb 8/6 201	17.3405562	0.2033	17.3549933	0.1919	29 of 30	17.3549933	0.1919	29 of 30
(Set 15)F21 207Pb/206Pb 8/6 corr	0.9068604	0.0295	0.9067571	0.0282	29 of 30	0.9067571	0.0282	29 of 30
(Set 15)F22 206Pb/204Pb 8/6 200	16.7795885	0.1921	16.7941069	0.1774	29 of 30	16.8203502	0.1507	27 of 30
(Set 15)F23 206Pb/204Pb 8/6 202	16.7937993	0.1722	16.8066810	0.1595	29 of 30	16.8388567	0.1322	26 of 30
(Set 15)F24 TI/Pb	0.0019155	7.5258	0.0017849	6.7317	28 of 30	0.0016853	6.2905	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 15)F25 206V	0.0801816	2.8915	0.0801816	2.8915	30 of 30	0.0801816	2.8915	30 of 30
(Set 15)F31 206/205	209.4200478	7.3976	200.4731117	6.5302	29 of 30	200.4731117	6.5302	29 of 30
(Set 15)F33 206/205 Tl corr	519.0534022	245.3181	-626.8910165	-91.6634	29 of 30	-707.5518845	-62.3291	26 of 30
(Set 15)F34 206/205 Tl corr mfc	509.9307530	245.3181	-615.8730619	-91.6634	29 of 30	-695.1162708	-62.3291	26 of 30
(Set 15)F35 205/206 Tl corr mfc	-0.0000882	-228.0353	-0.0001897	-74.2083	27 of 30	-0.0001284	-102.5747	26 of 30
(Set 16)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 16)F9 204Pb/206Pb 200	0.0587776	0.2072	0.0588275	0.1383	27 of 30	0.0588632	0.1291	26 of 30
(Set 16)F10 204Pb/206Pb 201	0.0567283	0.2188	0.0567200	0.1781	28 of 30	0.0566763	0.1668	27 of 30
(Set 16)F11 204Pb/206Pb 202	0.0587983	0.1969	0.0587972	0.1595	28 of 30	0.0588812	0.1339	26 of 30
(Set 16)F12 207Pb/206Pb	0.9120213	0.0240	0.9119164	0.0218	29 of 30	0.9119164	0.0218	29 of 30
(Set 16)F13 208Pb/206Pb	2.1984542	0.0174	2.1986169	0.0163	29 of 30	2.1986169	0.0163	29 of 30
(Set 16)F14 206Pb/204Pb Tl fc	17.3220473	0.2183	17.3236862	0.1782	28 of 30	17.3368134	0.1672	27 of 30
(Set 16)F15 207Pb/204Pb Tl fc	15.6602080	0.2142	15.6620958	0.1719	28 of 30	15.6738760	0.1603	27 of 30
(Set 16)F16 208Pb/204Pb Tl fc	37.4220430	0.2204	37.4267477	0.1800	28 of 30	37.4311493	0.1581	26 of 30
(Set 16)F17 207Pb/206Pb Tl fc	0.9040653	0.0240	0.9039613	0.0218	29 of 30	0.9039613	0.0218	29 of 30
(Set 16)F18 208Pb/206Pb Tl fc	2.1603687	0.0174	2.1605286	0.0163	29 of 30	2.1605286	0.0163	29 of 30
(Set 16)F19 208Pb/206Pb m/r	1.0141874	0.0174	1.0142625	0.0163	29 of 30	1.0142625	0.0163	29 of 30
(Set 16)F20 206Pb/204Pb 8/6 201	17.3813831	0.2176	17.3824825	0.1782	28 of 30	17.3947930	0.1696	27 of 30
(Set 16)F21 207Pb/206Pb 8/6 corr	0.9056024	0.0233	0.9055093	0.0216	29 of 30	0.9055093	0.0216	29 of 30
(Set 16)F22 206Pb/204Pb 8/6 200	16.7751739	0.2073	16.7601097	0.1431	27 of 30	16.7492579	0.1328	26 of 30
(Set 16)F23 206Pb/204Pb 8/6 202	16.7690646	0.1981	16.7691882	0.1659	28 of 30	16.7439475	0.1389	26 of 30
(Set 16)F24 Tl/Pb	0.0004350	11.6138	0.0004357	10.2558	28 of 30	0.0003991	9.9274	26 of 30
(Set 16)F25 206V	0.0545068	0.6157	0.0541936	0.5036	28 of 30	0.0539724	0.4502	26 of 30
(Set 16)F31 206/205	1096.6078580	26.5372	987.5512395	15.7222	28 of 30	799.9111782	10.7522	26 of 30
(Set 16)F33 206/205 Tl corr	410.7417241	148.7968	672.1484911	56.8730	27 of 30	473.1586916	71.6886	26 of 30
(Set 16)F34 206/205 Tl corr mfc	403.5227122	148.7968	660.3351115	56.8730	27 of 30	464.8426672	71.6886	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 16)F34 206/205 TI corr mfc	403.5227122	148.7968	660.3351115	56.8730	27 of 30	464.8426672	71.6886	26 of 30
(Set 16)F35 205/206 TI corr mfc	0.0000982	290.4197	0.0001227	177.3586	28 of 30	-0.0000633	-298.4143	26 of 30
(Set 17)F1 205TI/203TI m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 17)F9 204Pb/206Pb 200	0.0587433	0.1887	0.0586953	0.1763	29 of 30	0.0587364	0.1675	28 of 30
(Set 17)F10 204Pb/206Pb 201	0.0567131	0.1615	0.0566696	0.1473	29 of 30	0.0566348	0.1387	28 of 30
(Set 17)F11 204Pb/206Pb 202	0.0587609	0.2006	0.0587066	0.1844	29 of 30	0.0587066	0.1844	29 of 30
(Set 17)F12 207Pb/206Pb	0.9111097	0.0232	0.9111097	0.0232	30 of 30	0.9111097	0.0232	30 of 30
(Set 17)F13 208Pb/206Pb	2.1983948	0.0148	2.1985559	0.0133	29 of 30	2.1989135	0.0108	26 of 30
(Set 17)F14 206Pb/204Pb TI fc	17.3256123	0.1610	17.3386424	0.1473	29 of 30	17.3491739	0.1390	28 of 30
(Set 17)F15 207Pb/204Pb TI fc	15.6478352	0.1636	15.6598401	0.1495	29 of 30	15.6598401	0.1495	29 of 30
(Set 17)F16 208Pb/204Pb TI fc	37.4287344	0.1637	37.4572776	0.1499	29 of 30	37.4795800	0.1424	28 of 30
(Set 17)F17 207Pb/206Pb TI fc	0.9031617	0.0232	0.9031617	0.0232	30 of 30	0.9031617	0.0232	30 of 30
(Set 17)F18 208Pb/206Pb TI fc	2.1603103	0.0148	2.1604686	0.0133	29 of 30	2.1608201	0.0108	26 of 30
(Set 17)F19 208Pb/206Pb m/r	1.0141600	0.0148	1.0142343	0.0133	29 of 30	1.0143994	0.0108	26 of 30
(Set 17)F20 206Pb/204Pb 8/6 201	17.3854297	0.1597	17.3983204	0.1463	29 of 30	17.4090991	0.1372	28 of 30
(Set 17)F21 207Pb/206Pb 8/6 corr	0.9047092	0.0200	0.9047959	0.0182	29 of 30	0.9047959	0.0182	29 of 30
(Set 17)F22 206Pb/204Pb 8/6 200	16.7850399	0.1869	16.7983168	0.1751	29 of 30	16.7983168	0.1751	29 of 30
(Set 17)F23 206Pb/204Pb 8/6 202	16.7802440	0.1983	16.7952351	0.1831	29 of 30	16.7952351	0.1831	29 of 30
(Set 17)F24 TI/Pb	0.0006741	10.5283	0.0006741	10.5283	30 of 30	0.0006741	10.5283	30 of 30
(Set 17)F25 206V	0.0594575	1.1591	0.0594575	1.1591	30 of 30	0.0594575	1.1591	30 of 30
(Set 17)F31 206/205	801.8250505	26.3460	596.8981052	8.8950	29 of 30	596.8981052	8.8950	29 of 30
(Set 17)F33 206/205 TI corr	440.6684165	113.0712	241.5181246	161.3853	27 of 30	440.0170416	79.2250	26 of 30
(Set 17)F34 206/205 TI corr mfc	432.9234266	113.0712	237.2733107	161.3853	27 of 30	432.2835000	79.2250	26 of 30
(Set 17)F35 205/206 TI corr mfc	0.0002029	136.5054	0.0002277	98.4438	28 of 30	0.0001387	153.9458	27 of 30
(Set 18)F1 205TI/203TI m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 18)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 18)F9 204Pb/206Pb 200	0.0585627	0.2456	0.0586276	0.2267	29 of 30	0.0586895	0.1831	26 of 30
(Set 18)F10 204Pb/206Pb 201	0.0562157	0.2820	0.0563700	0.2221	28 of 30	0.0563718	0.1992	26 of 30
(Set 18)F11 204Pb/206Pb 202	0.0585850	0.2276	0.0585995	0.1914	28 of 30	0.0587028	0.1584	26 of 30
(Set 18)F12 207Pb/206Pb	0.9076356	0.0435	0.9074753	0.0411	29 of 30	0.9070134	0.0334	26 of 30
(Set 18)F13 208Pb/206Pb	2.1896131	0.0384	2.1896131	0.0384	30 of 30	2.1896131	0.0384	30 of 30
(Set 18)F14 206Pb/204Pb Tl fc	17.4816750	0.2860	17.4320916	0.2226	28 of 30	17.4309375	0.1998	26 of 30
(Set 18)F15 207Pb/204Pb Tl fc	15.7283557	0.2720	15.6851071	0.2081	28 of 30	15.6719320	0.1978	27 of 30
(Set 18)F16 208Pb/204Pb Tl fc	37.6146244	0.2768	37.5095304	0.2122	28 of 30	37.4782585	0.2027	27 of 30
(Set 18)F17 207Pb/206Pb Tl fc	0.8997179	0.0435	0.8995589	0.0411	29 of 30	0.8991011	0.0334	26 of 30
(Set 18)F18 208Pb/206Pb Tl fc	2.1516807	0.0384	2.1516807	0.0384	30 of 30	2.1516807	0.0384	30 of 30
(Set 18)F19 208Pb/206Pb m/r	1.0101089	0.0384	1.0101089	0.0384	30 of 30	1.0101089	0.0384	30 of 30
(Set 18)F20 206Pb/204Pb 8/6 201	17.6132986	0.2999	17.5625927	0.2397	28 of 30	17.5620568	0.2114	26 of 30
(Set 18)F21 207Pb/206Pb 8/6 corr	0.9030696	0.0283	0.9029727	0.0271	29 of 30	0.9026760	0.0224	26 of 30
(Set 18)F22 206Pb/204Pb 8/6 200	16.9064152	0.2620	16.8676550	0.2233	28 of 30	16.8354955	0.1943	26 of 30
(Set 18)F23 206Pb/204Pb 8/6 202	16.8995142	0.2413	16.8788781	0.2157	29 of 30	16.8614602	0.1716	26 of 30
(Set 18)F24 Tl/Pb	0.0018415	11.3371	0.0018415	11.3371	30 of 30	0.0018415	11.3371	30 of 30
(Set 18)F25 206V	0.0565371	1.5239	0.0565371	1.5239	30 of 30	0.0565371	1.5239	30 of 30
(Set 18)F31 206/205	316.1908976	16.1698	260.4267832	13.7222	28 of 30	221.5984046	11.4236	26 of 30
(Set 18)F33 206/205 Tl corr	-1707.3708018	-138.9905	617.0739732	80.1811	29 of 30	419.8181616	61.4025	26 of 30
(Set 18)F34 206/205 Tl corr mfc	-1677.3628204	-138.9905	606.2285585	80.1811	29 of 30	412.4396264	61.4025	26 of 30
(Set 18)F35 205/206 Tl corr mfc	-0.0000672	-426.3998	-0.0003092	-80.4170	28 of 30	-0.0003092	-80.4170	28 of 30
(Set 19)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 19)F9 204Pb/206Pb 200	0.0586057	0.1931	0.0585035	0.1615	28 of 30	0.0585035	0.1615	28 of 30
(Set 19)F10 204Pb/206Pb 201	0.0559617	0.1892	0.0559134	0.1745	29 of 30	0.0558674	0.1435	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 19)F11 204Pb/206Pb 202	0.0585907	0.1874	0.0585356	0.1680	29 of 30	0.0584916	0.1557	28 of 30
(Set 19)F12 207Pb/206Pb	0.9082156	0.0379	0.9082156	0.0379	30 of 30	0.9082156	0.0379	30 of 30
(Set 19)F13 208Pb/206Pb	2.1929246	0.0527	2.1923913	0.0363	27 of 30	2.1923913	0.0363	27 of 30
(Set 19)F14 206Pb/204Pb Tl f	17.5587322	0.1884	17.5735706	0.1741	29 of 30	17.5874640	0.1436	26 of 30
(Set 19)F15 207Pb/204Pb Tl f	15.8078502	0.1744	15.8190883	0.1648	29 of 30	15.8315293	0.1363	26 of 30
(Set 19)F16 208Pb/204Pb Tl f	37.8374165	0.1703	37.8652402	0.1589	29 of 30	37.9157453	0.1386	27 of 30
(Set 19)F17 207Pb/206Pb Tl f	0.9002928	0.0379	0.9002928	0.0379	30 of 30	0.9002928	0.0379	30 of 30
(Set 19)F18 208Pb/206Pb Tl f	2.1549349	0.0527	2.1544109	0.0363	27 of 30	2.1544109	0.0363	27 of 30
(Set 19)F19 208Pb/206Pb m/r	1.0116366	0.0527	1.0113905	0.0363	27 of 30	1.0113905	0.0363	27 of 30
(Set 19)F20 206Pb/204Pb 8/6 201	17.6641077	0.2183	17.6809898	0.2029	29 of 30	17.6809898	0.2029	29 of 30
(Set 19)F21 207Pb/206Pb 8/6 corr	0.9029632	0.0217	0.9029612	0.0189	28 of 30	0.9029492	0.0164	26 of 30
(Set 19)F22 206Pb/204Pb 8/6 200	16.8671225	0.2096	16.8976556	0.1795	28 of 30	16.8726735	0.1589	26 of 30
(Set 19)F23 206Pb/204Pb 8/6 202	16.8713373	0.2029	16.8878377	0.1838	29 of 30	16.9127113	0.1637	27 of 30
(Set 19)F24 Tl/Pb	0.0016188	13.5925	0.0016188	13.5925	30 of 30	0.0016188	13.5925	30 of 30
(Set 19)F25 206V	0.0520919	1.8774	0.0512231	1.6082	28 of 30	0.0508502	1.4991	27 of 30
(Set 19)F31 206/205	463.0687743	18.5526	379.9740097	17.8384	28 of 30	306.2895766	15.6613	26 of 30
(Set 19)F33 206/205 Tl corr	-1273.6964166	-95.3603	-156.2288616	-315.3361	29 of 30	584.8403697	33.5946	26 of 30
(Set 19)F34 206/205 Tl corr mfc	-1251.3105011	-95.3603	-153.4830534	-315.3361	29 of 30	574.5614784	33.5946	26 of 30
(Set 19)F35 205/206 Tl corr mfc	0.0004563	76.6404	0.0003007	107.8028	29 of 30	0.0006881	39.2982	26 of 30
(Set 20)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 20)F9 204Pb/206Pb 200	0.0583659	0.2078	0.0584147	0.1967	29 of 30	0.0584147	0.1967	29 of 30
(Set 20)F10 204Pb/206Pb 201	0.0552849	0.3206	0.0553529	0.3061	29 of 30	0.0553575	0.2723	27 of 30
(Set 20)F11 204Pb/206Pb 202	0.0584043	0.2157	0.0584043	0.2157	30 of 30	0.0584043	0.2157	30 of 30
(Set 20)F12 207Pb/206Pb	0.9062627	0.0578	0.9059999	0.0518	29 of 30	0.9054403	0.0433	26 of 30
(Set 20)F13 208Pb/206Pb	2.1886493	0.0475	2.1881438	0.0429	29 of 30	2.1877221	0.0398	28 of 30

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(counts per second) (First sample acquired : Tue Nov 23 14:24:46 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
(Set 20)F14 206Pb/204Pb Tl fc	17.7771657	0.3216	17.7313395	0.2872	28 of 30	17.7519785	0.2722	27 of 30
(Set 20)F15 207Pb/204Pb Tl fc	15.9697062	0.2896	15.9302342	0.2507	28 of 30	15.9302342	0.2507	28 of 30
(Set 20)F16 208Pb/204Pb Tl fc	38.2330297	0.2987	38.1366314	0.2601	28 of 30	38.1366314	0.2601	28 of 30
(Set 20)F17 207Pb/206Pb Tl fc	0.8983569	0.0578	0.8980964	0.0518	29 of 30	0.8975417	0.0433	26 of 30
(Set 20)F18 208Pb/206Pb Tl fc	2.1507337	0.0475	2.1502369	0.0429	29 of 30	2.1498225	0.0398	28 of 30
(Set 20)F19 208Pb/206Pb m/r	1.0096643	0.0475	1.0094311	0.0429	29 of 30	1.0092365	0.0398	28 of 30
(Set 20)F20 206Pb/204Pb 8/6 201	17.9192772	0.3495	17.9433530	0.3335	29 of 30	17.9196895	0.2810	26 of 30
(Set 20)F21 207Pb/206Pb 8/6 corr	0.9019020	0.0375	0.9017213	0.0329	29 of 30	0.9016107	0.0281	26 of 30
(Set 20)F22 206Pb/204Pb 8/6 200	16.9701017	0.2223	16.9555053	0.2123	29 of 30	16.9555053	0.2123	29 of 30
(Set 20)F23 206Pb/204Pb 8/6 202	16.9591161	0.2312	16.9591161	0.2312	30 of 30	16.9591161	0.2312	30 of 30
(Set 20)F24 Tl/Pb	0.0014881	17.0595	0.0012549	16.6508	28 of 30	0.0010509	15.7726	26 of 30
(Set 20)F25 206V	0.0542854	2.8344	0.0521971	2.1445	27 of 30	0.0515113	1.7850	26 of 30
(Set 20)F31 206/205	451.1089942	14.7321	413.1553094	13.6678	29 of 30	339.4519512	12.5661	26 of 30
(Set 20)F33 206/205 Tl corr	-6318.4039806	-111.0533	568.0574542	245.2884	29 of 30	493.1371679	33.9835	26 of 30
(Set 20)F34 206/205 Tl corr mfc	-6207.3545536	-111.0533	558.0735318	245.2884	29 of 30	484.4700108	33.9835	26 of 30
(Set 20)F35 205/206 Tl corr mfc	0.0005164	51.6547	0.0006296	39.7168	29 of 30	0.0008267	27.2123	27 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb std]

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(counts per second) (First sample acquired : Tue Nov 23 14:46:48 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	Tue Nov 23 14:46:48 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0194226	0.0100	1.0194223	0.0088	28 of 30	1.0194223	0.0088	28 of 30
(Set 1)F9 204Pb/206Pb 200	0.0575456	0.0127	0.0575422	0.0116	29 of 30	0.0575394	0.0109	28 of 30
(Set 1)F10 204Pb/206Pb 201	0.0575654	0.0124	0.0575624	0.0116	29 of 30	0.0575595	0.0109	28 of 30
(Set 1)F11 204Pb/206Pb 202	0.0575580	0.0124	0.0575543	0.0109	29 of 30	0.0575516	0.0103	28 of 30
(Set 1)F12 207Pb/206Pb	0.9184231	0.0145	0.9184001	0.0114	28 of 30	0.9184462	0.0106	27 of 30
(Set 1)F13 208Pb/206Pb	2.2101804	0.0040	2.2101804	0.0040	30 of 30	2.2101804	0.0040	30 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0422861	0.0129	17.0432604	0.0120	29 of 30	17.0456737	0.0101	26 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5039564	0.0146	15.5048187	0.0140	29 of 30	15.5074369	0.0116	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9591765	0.0211	36.9593912	0.0187	28 of 30	36.9650650	0.0166	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9097346	0.0104	0.9097168	0.0079	28 of 30	0.9097734	0.0071	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1686744	0.0127	2.1686794	0.0114	28 of 30	2.1686794	0.0114	28 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0195970	0.0040	1.0195970	0.0040	30 of 30	1.0195970	0.0040	30 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0345623	0.0146	17.0357060	0.0134	29 of 30	17.0357060	0.0134	29 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9095300	0.0158	0.9095066	0.0126	28 of 30	0.9095557	0.0119	27 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0404394	0.0150	17.0407111	0.0128	28 of 30	17.0388395	0.0110	26 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0367542	0.0147	17.0380897	0.0128	29 of 30	17.0354489	0.0106	26 of 30
(Set 1)F24 Tl/Pb	0.1628281	0.1253	0.1626433	0.1042	28 of 30	0.1624910	0.0876	26 of 30
(Set 1)F25 206V	1.7031385	0.8770	1.6967147	0.8227	29 of 30	1.6967147	0.8227	29 of 30
(Set 1)F31 206/205	2.0692857	0.1233	2.0715861	0.1027	28 of 30	2.0734468	0.0876	26 of 30
(Set 1)F33 206/205 Tl corr	-2757.8865848	-23.2668	-2718.1791082	-13.1367	28 of 30	-2292.2453972	-9.3865	26 of 30
(Set 1)F34 206/205 Tl corr mfc	-2704.7864817	-23.2494	-2665.8734637	-13.1267	28 of 30	-2248.4533059	-9.3780	26 of 30
(Set 1)F35 205/206 Tl corr mfc	-0.0004709	-10.5007	-0.0004706	-9.1607	28 of 30	-0.0004706	-9.1607	28 of 30