

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

Tuesday, November 23, 2004 12:38:46 PM Page 1

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 2004)

SAMPLE, RUN, DATE	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
DLC3a-traverse 1			Tue Nov 23 12:19:29 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 1)F9 204Pb/206Pb 200	0.0569797	0.0628	0.0569784	0.0500	28 of 30	0.0569773	0.0417	26 of 30
(Set 1)F10 204Pb/206Pb 201	0.0569733	0.0653	0.0569738	0.0505	28 of 30	0.0569728	0.0442	26 of 30
(Set 1)F11 204Pb/206Pb 202	0.0569798	0.0645	0.0569762	0.0506	28 of 30	0.0569772	0.0425	26 of 30
(Set 1)F12 207Pb/206Pb	0.9009115	0.0304	0.9006393	0.0235	28 of 30	0.9005264	0.0207	27 of 30
(Set 1)F13 208Pb/206Pb	2.1775082	0.0213	2.1772886	0.0194	29 of 30	2.1767566	0.0153	26 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.2453993	0.0653	17.2451373	0.0505	28 of 30	17.2454267	0.0442	26 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.4010031	0.0573	15.4010111	0.0460	28 of 30	15.4006320	0.0375	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9013868	0.0585	36.9008866	0.0450	28 of 30	36.8993062	0.0378	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.8930524	0.0304	0.8927826	0.0235	28 of 30	0.8926706	0.0207	27 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1397855	0.0213	2.1395698	0.0194	29 of 30	2.1390471	0.0153	26 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0045247	0.0213	1.0044234	0.0194	29 of 30	1.0041780	0.0153	26 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.4725561	0.0777	17.4722624	0.0639	28 of 30	17.4812112	0.0572	26 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.8988744	0.0209	0.8986857	0.0161	28 of 30	0.8986129	0.0144	27 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.4705794	0.0757	17.4708706	0.0641	28 of 30	17.4806220	0.0550	26 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.4705505	0.0770	17.4715516	0.0643	28 of 30	17.4810362	0.0561	26 of 30
(Set 1)F24 Tl/Pb	0.0266358	0.7814	0.0267242	0.7299	29 of 30	0.0267260	0.6601	27 of 30
(Set 1)F25 206V	0.4452833	3.1325	0.4452833	3.1325	30 of 30	0.4452833	3.1325	30 of 30
(Set 1)F31 206/205	12.8328199	0.7913	12.7857622	0.7284	29 of 30	12.7466484	0.6872	28 of 30
(Set 1)F33 206/205 Tl corr	4992.0229689	641.3374	4800.0592016	116.1201	28 of 30	2317.0656526	115.4060	26 of 30
(Set 1)F34 206/205 Tl corr mfc	4904.2854180	641.3374	4715.6955195	116.1201	28 of 30	2276.3419486	115.4060	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0000015	3129.5117	-0.0000236	-172.2916	29 of 30	-0.0000248	-144.7429	27 of 30
(Set 2)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 2)F9 204Pb/206Pb 200	0.0577621	0.0796	0.0577446	0.0762	29 of 30	0.0577268	0.0723	28 of 30
(Set 2)F10 204Pb/206Pb 201	0.0577590	0.0835	0.0577402	0.0796	29 of 30	0.0577402	0.0796	29 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 2

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 2)F10 204Pb/206Pb 201	0.0577590	0.0835	0.0577402	0.0796	29 of 30	0.0577402	0.0796	29 of 30
(Set 2)F11 204Pb/206Pb 202	0.0577570	0.0771	0.0577380	0.0722	29 of 30	0.0577380	0.0722	29 of 30
(Set 2)F12 207Pb/206Pb	0.9118564	0.0379	0.9118564	0.0379	30 of 30	0.9118564	0.0379	30 of 30
(Set 2)F13 208Pb/206Pb	2.1936039	0.0303	2.1938554	0.0290	29 of 30	2.1946065	0.0244	26 of 30
(Set 2)F14 206Pb/204Pb Tl fc	17.0109470	0.0835	17.0164494	0.0796	29 of 30	17.0164494	0.0796	29 of 30
(Set 2)F15 207Pb/204Pb Tl fc	15.3761398	0.0671	15.3807693	0.0543	27 of 30	15.3843005	0.0511	26 of 30
(Set 2)F16 208Pb/204Pb Tl fc	36.6686579	0.0669	36.6792294	0.0624	29 of 30	36.6880251	0.0522	26 of 30
(Set 2)F17 207Pb/206Pb Tl fc	0.9039019	0.0379	0.9039019	0.0379	30 of 30	0.9039019	0.0379	30 of 30
(Set 2)F18 208Pb/206Pb Tl fc	2.1556025	0.0303	2.1558496	0.0290	29 of 30	2.1565877	0.0244	26 of 30
(Set 2)F19 208Pb/206Pb m/r	1.0119499	0.0303	1.0120659	0.0290	29 of 30	1.0124125	0.0244	26 of 30
(Set 2)F20 206Pb/204Pb 8/6 201	17.1074458	0.1066	17.1074458	0.1066	30 of 30	17.1074458	0.1066	30 of 30
(Set 2)F21 207Pb/206Pb 8/6 corr	0.9064411	0.0233	0.9065265	0.0221	29 of 30	0.9066877	0.0197	27 of 30
(Set 2)F22 206Pb/204Pb 8/6 200	17.1064899	0.1039	17.1064899	0.1039	30 of 30	17.1064899	0.1039	30 of 30
(Set 2)F23 206Pb/204Pb 8/6 202	17.1079903	0.1011	17.1079903	0.1011	30 of 30	17.1079903	0.1011	30 of 30
(Set 2)F24 Tl/Pb	0.0311053	1.1519	0.0311053	1.1519	30 of 30	0.0311053	1.1519	30 of 30
(Set 2)F25 206V	0.3420536	2.0819	0.3340572	1.4049	28 of 30	0.3292622	1.0686	26 of 30
(Set 2)F31 206/205	10.9366861	1.1231	10.9366861	1.1231	30 of 30	10.9366861	1.1231	30 of 30
(Set 2)F33 206/205 Tl corr	-3627.7981439	-84.9801	-949.0762877	-166.4346	29 of 30	-949.0762877	-166.4346	29 of 30
(Set 2)F34 206/205 Tl corr mfc	-3564.0375951	-84.9801	-932.3957497	-166.4346	29 of 30	-932.3957497	-166.4346	29 of 30
(Set 2)F35 205/206 Tl corr mfc	0.0000052	998.7125	-0.0000145	-341.0472	29 of 30	-0.0000335	-141.1157	28 of 30
(Set 3)F1 205Tl/203Tl m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 3)F9 204Pb/206Pb 200	0.0580991	0.0585	0.0580991	0.0585	30 of 30	0.0580991	0.0585	30 of 30
(Set 3)F10 204Pb/206Pb 201	0.0580928	0.0584	0.0580928	0.0584	30 of 30	0.0580928	0.0584	30 of 30
(Set 3)F11 204Pb/206Pb 202	0.0580816	0.0556	0.0580816	0.0556	30 of 30	0.0580816	0.0556	30 of 30
(Set 3)F12 207Pb/206Pb	0.9152940	0.0117	0.9152496	0.0110	29 of 30	0.9152854	0.0093	26 of 30
(Set 3)F13 208Pb/206Pb	2.1996692	0.0070	2.1996692	0.0070	30 of 30	2.1996692	0.0070	30 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 3

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	2.1996692	0.0070	2.1996692	0.0070	30 of 30	2.1996692	0.0070	30 of 30
(Set 3)F14 206Pb/204Pb Tl fc	16.9130114	0.0584	16.9130114	0.0584	30 of 30	16.9130114	0.0584	30 of 30
(Set 3)F15 207Pb/204Pb Tl fc	15.3453273	0.0566	15.3453273	0.0566	30 of 30	15.3453273	0.0566	30 of 30
(Set 3)F16 208Pb/204Pb Tl fc	36.5585322	0.0586	36.5585322	0.0586	30 of 30	36.5585322	0.0586	30 of 30
(Set 3)F17 207Pb/206Pb Tl fc	0.9073094	0.0117	0.9072654	0.0110	29 of 30	0.9073010	0.0093	26 of 30
(Set 3)F18 208Pb/206Pb Tl fc	2.1615626	0.0070	2.1615626	0.0070	30 of 30	2.1615626	0.0070	30 of 30
(Set 3)F19 207Pb/206Pb m/r	1.0147479	0.0070	1.0147479	0.0070	30 of 30	1.0147479	0.0070	30 of 30
(Set 3)F20 206Pb/204Pb 8/6 201	16.9614878	0.0590	16.9614878	0.0590	30 of 30	16.9614878	0.0590	30 of 30
(Set 3)F21 207Pb/206Pb 8/6 corr	0.9086002	0.0119	0.9086002	0.0119	30 of 30	0.9086002	0.0119	30 of 30
(Set 3)F22 206Pb/204Pb 8/6 200	16.9596577	0.0590	16.9596577	0.0590	30 of 30	16.9596577	0.0590	30 of 30
(Set 3)F23 206Pb/204Pb 8/6 202	16.9647470	0.0564	16.9684904	0.0537	29 of 30	16.9720996	0.0511	28 of 30
(Set 3)F24 Tl/Pb	0.0334030	0.7800	0.0334030	0.7800	30 of 30	0.0334030	0.7800	30 of 30
(Set 3)F25 206V	0.2761133	1.3711	0.2745984	1.3078	29 of 30	0.2732059	1.2557	28 of 30
(Set 3)F31 206/205	10.1382414	0.7854	10.1382414	0.7854	30 of 30	10.1382414	0.7854	30 of 30
(Set 3)F33 206/205 Tl corr	-1916.4409219	-84.1193	-1128.7925298	-128.9827	29 of 30	54.2584969	2373.8208	27 of 30
(Set 3)F34 206/205 Tl corr mfc	-1882.7584181	-84.1193	-1108.9533799	-128.9827	29 of 30	53.3048739	2373.8208	27 of 30
(Set 3)F35 205/206 Tl corr mfc	0.0000713	97.3677	0.0000727	75.1844	28 of 30	0.0000251	185.3600	26 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	0.0577566	0.0935	0.0577830	0.0845	29 of 30	0.0577632	0.0800	28 of 30
(Set 4)F10 204Pb/206Pb 201	0.0577181	0.1006	0.0577441	0.0931	29 of 30	0.0577226	0.0885	28 of 30
(Set 4)F11 204Pb/206Pb 202	0.0577451	0.0971	0.0577732	0.0869	29 of 30	0.0577538	0.0831	28 of 30
(Set 4)F12 207Pb/206Pb	0.9097015	0.0785	0.9097015	0.0785	30 of 30	0.9097015	0.0785	30 of 30
(Set 4)F13 208Pb/206Pb	2.1880906	0.0712	2.1880906	0.0712	30 of 30	2.1880906	0.0712	30 of 30
(Set 4)F14 206Pb/204Pb Tl fc	17.0231383	0.1007	17.0153978	0.0930	29 of 30	17.0216718	0.0885	28 of 30
(Set 4)F15 207Pb/204Pb Tl fc	15.3505775	0.0506	15.3467956	0.0457	29 of 30	15.3467956	0.0457	29 of 30
(Set 4)F16 208Pb/204Pb Tl fc	36.6022409	0.0545	36.5927925	0.0497	29 of 30	36.5927925	0.0497	29 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 4

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 4)F16 208Pb/204Pb Tl fc	36.6022409	0.0545	36.5927925	0.0497	29 of 30	36.5927925	0.0497	29 of 30
(Set 4)F17 207Pb/206Pb Tl fc	0.9017658	0.0785	0.9017658	0.0785	30 of 30	0.9017658	0.0785	30 of 30
(Set 4)F18 208Pb/206Pb Tl fc	2.1501847	0.0712	2.1501847	0.0712	30 of 30	2.1501847	0.0712	30 of 30
(Set 4)F19 208Pb/206Pb m/r	1.0094065	0.0712	1.0094065	0.0712	30 of 30	1.0094065	0.0712	30 of 30
(Set 4)F20 206Pb/204Pb 8/6 201	17.1636799	0.1664	17.1524597	0.1585	29 of 30	17.1524597	0.1585	29 of 30
(Set 4)F21 207Pb/206Pb 8/6 corr	0.9054391	0.0438	0.9054391	0.0438	30 of 30	0.9054391	0.0438	30 of 30
(Set 4)F22 206Pb/204Pb 8/6 200	17.1521506	0.1595	17.1408243	0.1504	29 of 30	17.1408243	0.1504	29 of 30
(Set 4)F23 206Pb/204Pb 8/6 202	17.1556160	0.1639	17.1437519	0.1540	29 of 30	17.1437519	0.1540	29 of 30
(Set 4)F24 Tl/Pb	0.0284548	1.8105	0.0284548	1.8105	30 of 30	0.0284548	1.8105	30 of 30
(Set 4)F25 206V	0.2495423	1.4892	0.2495423	1.4892	30 of 30	0.2495423	1.4892	30 of 30
(Set 4)F31 206/205	12.0428591	1.8131	12.0428591	1.8131	30 of 30	12.0428591	1.8131	30 of 30
(Set 4)F33 206/205 Tl corr	42128.4232798	94.6252	2399.1040705	141.3198	29 of 30	1264.9976197	141.8882	26 of 30
(Set 4)F34 206/205 Tl corr mfc	41387.9930566	94.6252	2356.9384962	141.3198	29 of 30	1242.7645904	141.8882	26 of 30
(Set 4)F35 205/206 Tl corr mfc	0.0000999	52.1968	0.0001221	39.9860	29 of 30	0.0001011	40.8550	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	0.0579382	0.0761	0.0579157	0.0581	27 of 30	0.0579293	0.0552	26 of 30
(Set 5)F10 204Pb/206Pb 201	0.0579083	0.0818	0.0578840	0.0728	29 of 30	0.0578689	0.0607	26 of 30
(Set 5)F11 204Pb/206Pb 202	0.0579262	0.0732	0.0578904	0.0637	28 of 30	0.0578907	0.0572	26 of 30
(Set 5)F12 207Pb/206Pb	0.9125860	0.0386	0.9127530	0.0352	29 of 30	0.9128963	0.0327	28 of 30
(Set 5)F13 208Pb/206Pb	2.1959880	0.0234	2.1962335	0.0213	29 of 30	2.1962335	0.0213	29 of 30
(Set 5)F14 206Pb/204Pb Tl fc	16.9670694	0.0816	16.9689368	0.0684	28 of 30	16.9784402	0.0607	26 of 30
(Set 5)F15 207Pb/204Pb Tl fc	15.3487635	0.0699	15.3547748	0.0599	29 of 30	15.3546110	0.0540	27 of 30
(Set 5)F16 208Pb/204Pb Tl fc	36.6139117	0.0736	36.6281069	0.0648	29 of 30	36.6565198	0.0534	26 of 30
(Set 5)F17 207Pb/206Pb Tl fc	0.9046251	0.0386	0.9047906	0.0352	29 of 30	0.9049327	0.0327	28 of 30
(Set 5)F18 208Pb/206Pb Tl fc	2.1579452	0.0234	2.1581865	0.0213	29 of 30	2.1581865	0.0213	29 of 30
(Set 5)F19 208Pb/206Pb m/r	1.0130497	0.0234	1.0131630	0.0213	29 of 30	1.0131630	0.0213	29 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 5

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 5)F19 208Pb/206Pb m/r	1.0130497	0.0234	1.0131630	0.0213	29 of 30	1.0131630	0.0213	29 of 30
(Set 5)F20 206Pb/204Pb 8/6 201	17.0445616	0.0950	17.0449065	0.0789	28 of 30	17.0449065	0.0789	28 of 30
(Set 5)F21 207Pb/206Pb 8/6 corr	0.9066725	0.0283	0.9068991	0.0240	28 of 30	0.9069941	0.0224	27 of 30
(Set 5)F22 206Pb/204Pb 8/6 200	17.0357001	0.0891	17.0301203	0.0701	27 of 30	17.0352506	0.0658	26 of 30
(Set 5)F23 206Pb/204Pb 8/6 202	17.0392345	0.0865	17.0390341	0.0770	28 of 30	17.0380493	0.0677	26 of 30
(Set 5)F24 Tl/Pb	0.0313747	0.6559	0.0314660	0.6067	29 of 30	0.0316210	0.5360	27 of 30
(Set 5)F25 206V	0.2655480	1.1224	0.2629278	0.9621	28 of 30	0.2617857	0.8948	27 of 30
(Set 5)F31 206/205	10.8016397	0.6791	10.7666019	0.6196	29 of 30	10.7109514	0.5458	27 of 30
(Set 5)F33 206/205 Tl corr	791.9336892	170.7137	552.7573396	166.5215	28 of 30	501.7010055	160.7609	26 of 30
(Set 5)F34 206/205 Tl corr mfc	778.0150188	170.7137	543.0423252	166.5215	28 of 30	492.8833343	160.7609	26 of 30
(Set 5)F35 205/206 Tl corr mfc	0.0001757	39.8134	0.0001757	39.8134	30 of 30	0.0001757	39.8134	30 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	0.0572333	0.0694	0.0572348	0.0609	28 of 30	0.0572355	0.0545	26 of 30
(Set 6)F10 204Pb/206Pb 201	0.0572175	0.0749	0.0572182	0.0666	28 of 30	0.0572182	0.0666	28 of 30
(Set 6)F11 204Pb/206Pb 202	0.0572197	0.0672	0.0572205	0.0583	28 of 30	0.0572341	0.0552	27 of 30
(Set 6)F12 207Pb/206Pb	0.9040238	0.0235	0.9040238	0.0235	30 of 30	0.9040238	0.0235	30 of 30
(Set 6)F13 208Pb/206Pb	2.1835431	0.0148	2.1832763	0.0130	28 of 30	2.1830316	0.0112	26 of 30
(Set 6)F14 206Pb/204Pb Tl fc	17.1718767	0.0749	17.1715670	0.0665	28 of 30	17.1715670	0.0665	28 of 30
(Set 6)F15 207Pb/204Pb Tl fc	15.3883158	0.0637	15.3892870	0.0540	28 of 30	15.3927198	0.0510	27 of 30
(Set 6)F16 208Pb/204Pb Tl fc	36.8459180	0.0697	36.8473627	0.0598	28 of 30	36.8565789	0.0564	27 of 30
(Set 6)F17 207Pb/206Pb Tl fc	0.8961375	0.0235	0.8961375	0.0235	30 of 30	0.8961375	0.0235	30 of 30
(Set 6)F18 208Pb/206Pb Tl fc	2.1457160	0.0148	2.1454538	0.0130	28 of 30	2.1452133	0.0112	26 of 30
(Set 6)F19 208Pb/206Pb m/r	1.0073087	0.0148	1.0071856	0.0130	28 of 30	1.0070727	0.0112	26 of 30
(Set 6)F20 206Pb/204Pb 8/6 201	17.3495086	0.0826	17.3435972	0.0779	29 of 30	17.3435972	0.0779	29 of 30
(Set 6)F21 207Pb/206Pb 8/6 corr	0.9007290	0.0179	0.9007290	0.0179	30 of 30	0.9007290	0.0179	30 of 30
(Set 6)F22 206Pb/204Pb 8/6 200	17.3446676	0.0771	17.3389084	0.0720	29 of 30	17.3389084	0.0720	29 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 6

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 6)F22 206Pb/204Pb 8/6 200	17.3446676	0.0771	17.3389084	0.0720	29 of 30	17.3389084	0.0720	29 of 30
(Set 6)F23 206Pb/204Pb 8/6 202	17.3487782	0.0744	17.3431789	0.0694	29 of 30	17.3431789	0.0694	29 of 30
(Set 6)F24 Tl/Pb	0.0240348	1.5116	0.0238919	1.4473	29 of 30	0.0238919	1.4473	29 of 30
(Set 6)F25 206V	0.4093267	2.2577	0.4093267	2.2577	30 of 30	0.4093267	2.2577	30 of 30
(Set 6)F31 206/205	14.2506198	1.4840	14.2506198	1.4840	30 of 30	14.2506198	1.4840	30 of 30
(Set 6)F33 206/205 Tl corr	-265.2400683	-1187.3180	1084.5110963	174.9242	27 of 30	2268.8750657	67.8787	26 of 30
(Set 6)F34 206/205 Tl corr mfc	-260.5783281	-1187.3180	1065.4502170	174.9242	27 of 30	2228.9983378	67.8787	26 of 30
(Set 6)F35 205/206 Tl corr mfc	0.0001040	48.5026	0.0000820	57.2944	29 of 30	0.0000620	71.0897	28 of 30
(Set 7)F1 205Tl/203Tl 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	0.0570806	0.3529	0.0571642	0.1398	27 of 30	0.0571110	0.1084	26 of 30
(Set 7)F10 204Pb/206Pb 201	0.0570749	0.3559	0.0571550	0.1403	27 of 30	0.0570986	0.1038	26 of 30
(Set 7)F11 204Pb/206Pb 202	0.0570690	0.3535	0.0571492	0.1445	27 of 30	0.0570931	0.1103	26 of 30
(Set 7)F12 207Pb/206Pb	0.9022724	0.0218	0.9021085	0.0191	28 of 30	0.9022582	0.0164	26 of 30
(Set 7)F13 208Pb/206Pb	2.1794287	0.0242	2.1796429	0.0229	29 of 30	2.1802563	0.0187	26 of 30
(Set 7)F14 206Pb/204Pb Tl fc	17.2208256	0.3579	17.1912409	0.1391	27 of 30	17.2078021	0.1042	26 of 30
(Set 7)F15 207Pb/204Pb Tl fc	15.4022628	0.3545	15.3754954	0.1383	27 of 30	15.3911975	0.0968	26 of 30
(Set 7)F16 208Pb/204Pb Tl fc	36.8813330	0.3578	36.8178240	0.1411	27 of 30	36.8567378	0.0971	26 of 30
(Set 7)F17 207Pb/206Pb Tl fc	0.8944015	0.0218	0.8942390	0.0191	28 of 30	0.8943874	0.0164	26 of 30
(Set 7)F18 208Pb/206Pb Tl fc	2.1416728	0.0242	2.1418833	0.0229	29 of 30	2.1424861	0.0187	26 of 30
(Set 7)F19 208Pb/206Pb m/r	1.0054106	0.0242	1.0055094	0.0229	29 of 30	1.0057924	0.0187	26 of 30
(Set 7)F20 206Pb/204Pb 8/6 201	17.4321329	0.3597	17.4022546	0.1415	27 of 30	17.4173722	0.1160	26 of 30
(Set 7)F21 207Pb/206Pb 8/6 corr	0.8998346	0.0120	0.8997846	0.0097	27 of 30	0.8997375	0.0084	26 of 30
(Set 7)F22 206Pb/204Pb 8/6 200	17.4303089	0.3572	17.3994313	0.1407	27 of 30	17.4136410	0.1190	26 of 30
(Set 7)F23 206Pb/204Pb 8/6 202	17.4338648	0.3573	17.4040528	0.1450	27 of 30	17.4191111	0.1208	26 of 30
(Set 7)F24 Tl/Pb	0.0295070	0.5772	0.0295898	0.5206	29 of 30	0.0297778	0.4235	26 of 30
(Set 7)F25 206V	0.3270543	0.7657	0.3270543	0.7657	30 of 30	0.3270543	0.7657	30 of 30
(Set 7)F31 206/205	11.5591928	0.5857	11.5243325	0.5213	29 of 30	11.4510770	0.4296	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 7

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 7)F31 206/205	11.5591928	0.5857	11.5243325	0.5213	29 of 30	11.4510770	0.4296	26 of 30
(Set 7)F33 206/205 Tl corr	4874.3942299	92.0034	509.9393622	502.6242	26 of 30	509.9393622	502.6242	26 of 30
(Set 7)F34 206/205 Tl corr mfc	4788.7240689	92.0034	500.9768973	502.6242	26 of 30	500.9768973	502.6242	26 of 30
(Set 7)F35 205/206 Tl corr mfc	0.0001562	32.4425	0.0001562	32.4425	30 of 30	0.0001562	32.4425	30 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	0.0570758	0.0935	0.0570803	0.0602	28 of 30	0.0570843	0.0504	26 of 30
(Set 8)F10 204Pb/206Pb 201	0.0570573	0.0903	0.0570614	0.0591	28 of 30	0.0570613	0.0492	26 of 30
(Set 8)F11 204Pb/206Pb 202	0.0570640	0.0958	0.0570694	0.0609	28 of 30	0.0570717	0.0504	26 of 30
(Set 8)F12 207Pb/206Pb	0.9024564	0.0166	0.9025215	0.0154	29 of 30	0.9026401	0.0134	27 of 30
(Set 8)F13 208Pb/206Pb	2.1815809	0.0090	2.1817559	0.0076	28 of 30	2.1816222	0.0068	26 of 30
(Set 8)F14 206Pb/204Pb Tl fc	17.2202075	0.0905	17.2187127	0.0591	28 of 30	17.2186974	0.0492	26 of 30
(Set 8)F15 207Pb/204Pb Tl fc	15.4049283	0.0945	15.4029696	0.0637	28 of 30	15.4028987	0.0527	26 of 30
(Set 8)F16 208Pb/204Pb Tl fc	36.9164573	0.0897	36.9133823	0.0574	28 of 30	36.9119496	0.0480	26 of 30
(Set 8)F17 207Pb/206Pb Tl fc	0.8945838	0.0166	0.8946484	0.0154	29 of 30	0.8947659	0.0134	27 of 30
(Set 8)F18 208Pb/206Pb Tl fc	2.1437877	0.0090	2.1439597	0.0076	28 of 30	2.1438283	0.0068	26 of 30
(Set 8)F19 208Pb/206Pb m/r	1.0064035	0.0090	1.0064842	0.0076	28 of 30	1.0064225	0.0068	26 of 30
(Set 8)F20 206Pb/204Pb 8/6 201	17.4141094	0.0922	17.4125364	0.0624	28 of 30	17.4131874	0.0524	26 of 30
(Set 8)F21 207Pb/206Pb 8/6 corr	0.8995728	0.0141	0.8996299	0.0131	29 of 30	0.8996754	0.0125	28 of 30
(Set 8)F22 206Pb/204Pb 8/6 200	17.4084796	0.0954	17.4067961	0.0635	28 of 30	17.4061764	0.0537	26 of 30
(Set 8)F23 206Pb/204Pb 8/6 202	17.4121221	0.0979	17.4101027	0.0645	28 of 30	17.4100215	0.0540	26 of 30
(Set 8)F24 Tl/Pb	0.0241943	0.6536	0.0241943	0.6536	30 of 30	0.0241943	0.6536	30 of 30
(Set 8)F25 206V	0.3471805	1.1268	0.3456865	1.0826	29 of 30	0.3425340	0.9528	27 of 30
(Set 8)F31 206/205	14.0895929	0.6559	14.0895929	0.6559	30 of 30	14.0895929	0.6559	30 of 30
(Set 8)F33 206/205 Tl corr	4551.0596907	190.8823	137.4928957	1200.0212	28 of 30	2004.9551388	50.0276	26 of 30
(Set 8)F34 206/205 Tl corr mfc	4471.0723121	190.8823	135.0763824	1200.0212	28 of 30	1969.7169488	50.0276	26 of 30
(Set 8)F35 205/206 Tl corr mfc	0.0001946	22.6385	0.0001946	22.6385	30 of 30	0.0001946	22.6385	30 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 8

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	0.0001946	22.6385	0.0001946	22.6385	30 of 30	0.0001946	22.6385	30 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	0.0568788	0.0562	0.0568918	0.0531	29 of 30	0.0568918	0.0531	29 of 30
(Set 9)F10 204Pb/206Pb 201	0.0568821	0.0571	0.0568959	0.0535	29 of 30	0.0569088	0.0502	28 of 30
(Set 9)F11 204Pb/206Pb 202	0.0568752	0.0534	0.0568884	0.0497	29 of 30	0.0568884	0.0497	29 of 30
(Set 9)F12 207Pb/206Pb	0.9004100	0.0117	0.9003153	0.0098	28 of 30	0.9002290	0.0078	26 of 30
(Set 9)F13 208Pb/206Pb	2.1780268	0.0080	2.1778616	0.0064	28 of 30	2.1777241	0.0051	26 of 30
(Set 9)F14 206Pb/204Pb Tl fc	17.2729963	0.0572	17.2687698	0.0535	29 of 30	17.2648323	0.0502	28 of 30
(Set 9)F15 207Pb/204Pb Tl fc	15.4171006	0.0569	15.4133194	0.0532	29 of 30	15.4098421	0.0500	28 of 30
(Set 9)F16 208Pb/204Pb Tl fc	36.9693120	0.0579	36.9515743	0.0508	28 of 30	36.9515743	0.0508	28 of 30
(Set 9)F17 207Pb/206Pb Tl fc	0.8925553	0.0117	0.8924614	0.0098	28 of 30	0.8923759	0.0078	26 of 30
(Set 9)F18 208Pb/206Pb Tl fc	2.1402952	0.0080	2.1401328	0.0064	28 of 30	2.1399978	0.0051	26 of 30
(Set 9)F19 208Pb/206Pb m/r	1.0047639	0.0080	1.0046877	0.0064	28 of 30	1.0046243	0.0051	26 of 30
(Set 9)F20 206Pb/204Pb 8/6 201	17.4962568	0.0576	17.4917180	0.0533	29 of 30	17.4881134	0.0509	28 of 30
(Set 9)F21 207Pb/206Pb 8/6 corr	0.8982671	0.0100	0.8982168	0.0086	29 of 30	0.8981163	0.0066	26 of 30
(Set 9)F22 206Pb/204Pb 8/6 200	17.4972730	0.0564	17.4972730	0.0564	30 of 30	17.4972730	0.0564	30 of 30
(Set 9)F23 206Pb/204Pb 8/6 202	17.4983698	0.0538	17.4946393	0.0511	29 of 30	17.4946393	0.0511	29 of 30
(Set 9)F24 Tl/Pb	0.0314685	3.9499	0.0314685	3.9499	30 of 30	0.0314685	3.9499	30 of 30
(Set 9)F25 206V	0.3269005	3.3391	0.3269005	3.3391	30 of 30	0.3269005	3.3391	30 of 30
(Set 9)F31 206/205	11.3263173	3.8252	11.3263173	3.8252	30 of 30	11.3263173	3.8252	30 of 30
(Set 9)F33 206/205 Tl corr	3607.9554297	38.4509	2597.0151082	37.8660	29 of 30	3003.4095833	30.9001	28 of 30
(Set 9)F34 206/205 Tl corr mfc	3544.5436275	38.4509	2551.3711385	37.8660	29 of 30	2950.6230071	30.9001	28 of 30
(Set 9)F35 205/206 Tl corr mfc	0.0002667	26.2094	0.0002007	27.9835	28 of 30	0.0002007	27.9835	28 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	0.0569433	0.0848	0.0569134	0.0690	29 of 30	0.0568967	0.0577	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 9

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	0.0568506	0.0889	0.0568239	0.0782	29 of 30	0.0568239	0.0782	29 of 30
(Set 10)F11 204Pb/206Pb 202	0.0569359	0.0787	0.0569085	0.0645	29 of 30	0.0568940	0.0554	26 of 30
(Set 10)F12 207Pb/206Pb	0.9002893	0.0207	0.9003605	0.0198	29 of 30	0.9005009	0.0178	27 of 30
(Set 10)F13 208Pb/206Pb	2.1780883	0.0121	2.1779423	0.0105	29 of 30	2.1779423	0.0105	29 of 30
(Set 10)F14 206Pb/204Pb Tl fc	17.2828043	0.0887	17.2908265	0.0782	29 of 30	17.2908265	0.0782	29 of 30
(Set 10)F15 207Pb/204Pb Tl fc	15.4237830	0.0890	15.4307083	0.0796	29 of 30	15.4307083	0.0796	29 of 30
(Set 10)F16 208Pb/204Pb Tl fc	36.9913339	0.0880	37.0075701	0.0789	29 of 30	37.0075701	0.0789	29 of 30
(Set 10)F17 207Pb/206Pb Tl fc	0.8924357	0.0207	0.8925062	0.0198	29 of 30	0.8926453	0.0178	27 of 30
(Set 10)F18 208Pb/206Pb Tl fc	2.1403557	0.0121	2.1402121	0.0105	29 of 30	2.1402121	0.0105	29 of 30
(Set 10)F19 208Pb/206Pb m/r	1.0047923	0.0121	1.0047249	0.0105	29 of 30	1.0047249	0.0105	29 of 30
(Set 10)F20 206Pb/204Pb 8/6 201	17.5057039	0.0911	17.5142757	0.0794	29 of 30	17.5088209	0.0758	28 of 30
(Set 10)F21 207Pb/206Pb 8/6 corr	0.8981339	0.0176	0.8981943	0.0168	29 of 30	0.8982557	0.0160	28 of 30
(Set 10)F22 206Pb/204Pb 8/6 200	17.4771737	0.0858	17.4866641	0.0688	29 of 30	17.4912012	0.0585	26 of 30
(Set 10)F23 206Pb/204Pb 8/6 202	17.4793760	0.0807	17.4881402	0.0654	29 of 30	17.4881402	0.0654	29 of 30
(Set 10)F24 Tl/Pb	0.0367174	4.3718	0.0367174	4.3718	30 of 30	0.0367174	4.3718	30 of 30
(Set 10)F25 206V	0.2074977	3.1613	0.2074977	3.1613	30 of 30	0.2074977	3.1613	30 of 30
(Set 10)F31 206/205	9.8135359	4.3858	9.8135359	4.3858	30 of 30	9.8135359	4.3858	30 of 30
(Set 10)F33 206/205 Tl corr	-52984.9912649	-97.7752	-1247.0936415	-220.6735	29 of 30	2118.5246623	13.2810	26 of 30
(Set 10)F34 206/205 Tl corr mfc	-52053.7508848	-97.7752	-1225.1752845	-220.6735	29 of 30	2081.2904255	13.2810	26 of 30
(Set 10)F35 205/206 Tl corr mfc	0.0005726	12.6492	0.0005077	11.9717	28 of 30	0.0005077	11.9717	28 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	0.0568223	0.0716	0.0568458	0.0605	29 of 30	0.0568458	0.0605	29 of 30
(Set 11)F10 204Pb/206Pb 201	0.0567350	0.0744	0.0567563	0.0665	29 of 30	0.0568034	0.0530	26 of 30
(Set 11)F11 204Pb/206Pb 202	0.0568072	0.0688	0.0568298	0.0581	29 of 30	0.0568298	0.0581	29 of 30
(Set 11)F12 207Pb/206Pb	0.8987479	0.0220	0.8988261	0.0209	29 of 30	0.8988261	0.0209	29 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 10

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	2.1734241	0.0246	2.1734241	0.0246	30 of 30	2.1734241	0.0246	30 of 30
(Set 11)F14 206Pb/204Pb Tl fc	17.3178994	0.0747	17.3060421	0.0614	28 of 30	17.2968769	0.0530	26 of 30
(Set 11)F15 207Pb/204Pb Tl fc	15.4286439	0.0764	15.4231311	0.0699	29 of 30	15.4224781	0.0623	27 of 30
(Set 11)F16 208Pb/204Pb Tl fc	36.9870673	0.0759	36.9740407	0.0696	29 of 30	36.9825984	0.0580	26 of 30
(Set 11)F17 207Pb/206Pb Tl fc	0.8909076	0.0220	0.8909852	0.0209	29 of 30	0.8909852	0.0209	29 of 30
(Set 11)F18 208Pb/206Pb Tl fc	2.1357723	0.0246	2.1357723	0.0246	30 of 30	2.1357723	0.0246	30 of 30
(Set 11)F19 208Pb/206Pb m/r	1.0026406	0.0246	1.0026406	0.0246	30 of 30	1.0026406	0.0246	30 of 30
(Set 11)F20 206Pb/204Pb 8/6 201	17.5792765	0.0813	17.5721592	0.0730	29 of 30	17.5551510	0.0551	26 of 30
(Set 11)F21 207Pb/206Pb 8/6 corr	0.8975603	0.0134	0.8976233	0.0102	27 of 30	0.8976630	0.0095	26 of 30
(Set 11)F22 206Pb/204Pb 8/6 200	17.5522246	0.0758	17.5444335	0.0636	29 of 30	17.5444335	0.0636	29 of 30
(Set 11)F23 206Pb/204Pb 8/6 202	17.5568676	0.0741	17.5493705	0.0628	29 of 30	17.5493705	0.0628	29 of 30
(Set 11)F24 Tl/Pb	0.0255955	2.3050	0.0255955	2.3050	30 of 30	0.0255955	2.3050	30 of 30
(Set 11)F25 206V	0.3030627	2.0540	0.3030627	2.0540	30 of 30	0.3030627	2.0540	30 of 30
(Set 11)F31 206/205	13.5575787	2.5104	13.5575787	2.5104	30 of 30	13.5575787	2.5104	30 of 30
(Set 11)F33 206/205 Tl corr	1409.9009310	106.0447	1773.8039411	49.6721	28 of 30	1994.8150917	31.2614	26 of 30
(Set 11)F34 206/205 Tl corr mfc	1385.1211462	106.0447	1742.6283606	49.6721	28 of 30	1959.7551187	31.2614	26 of 30
(Set 11)F35 205/206 Tl corr mfc	0.0003946	14.9409	0.0003670	14.6876	29 of 30	0.0003670	14.6876	29 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	0.0569445	0.0736	0.0569892	0.0523	28 of 30	0.0569891	0.0466	26 of 30
(Set 12)F10 204Pb/206Pb 201	0.0568431	0.0939	0.0569055	0.0558	28 of 30	0.0569055	0.0558	28 of 30
(Set 12)F11 204Pb/206Pb 202	0.0569313	0.0718	0.0569769	0.0482	28 of 30	0.0569991	0.0429	26 of 30
(Set 12)F12 207Pb/206Pb	0.9000672	0.0541	0.9002574	0.0515	29 of 30	0.9008247	0.0421	26 of 30
(Set 12)F13 208Pb/206Pb	2.1759198	0.0506	2.1768115	0.0449	28 of 30	2.1777329	0.0366	26 of 30
(Set 12)F14 206Pb/204Pb Tl fc	17.2851281	0.0949	17.2658758	0.0558	28 of 30	17.2658758	0.0558	28 of 30
(Set 12)F15 207Pb/204Pb Tl fc	15.4219217	0.0762	15.4142480	0.0598	29 of 30	15.4149135	0.0530	27 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 11

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	36.9591703	0.0748	36.9418350	0.0604	29 of 30	36.9314818	0.0467	26 of 30
(Set 12)F17 207Pb/206Pb Tl fc	0.8922154	0.0541	0.8924040	0.0515	29 of 30	0.8929663	0.0421	26 of 30
(Set 12)F18 208Pb/206Pb Tl fc	2.1382247	0.0506	2.1391010	0.0449	28 of 30	2.1400064	0.0366	26 of 30
(Set 12)F19 208Pb/206Pb m/r	1.0037919	0.0506	1.0042033	0.0449	28 of 30	1.0046283	0.0366	26 of 30
(Set 12)F20 206Pb/204Pb 8/6 201	17.5259407	0.1331	17.4994801	0.0857	28 of 30	17.4876214	0.0773	26 of 30
(Set 12)F21 207Pb/206Pb 8/6 corr	0.8983600	0.0320	0.8984693	0.0306	29 of 30	0.8984693	0.0306	29 of 30
(Set 12)F22 206Pb/204Pb 8/6 200	17.4944801	0.1024	17.4736902	0.0644	28 of 30	17.4682322	0.0585	27 of 30
(Set 12)F23 206Pb/204Pb 8/6 202	17.4985119	0.1022	17.4774512	0.0625	28 of 30	17.4723660	0.0574	27 of 30
(Set 12)F24 Tl/Pb	0.0195377	3.5116	0.0200945	3.0249	28 of 30	0.0201267	2.5649	26 of 30
(Set 12)F25 206V	0.3160616	4.8560	0.3160616	4.8560	30 of 30	0.3160616	4.8560	30 of 30
(Set 12)F31 206/205	18.2068155	4.3137	17.0668252	2.9990	27 of 30	16.7655889	2.5650	26 of 30
(Set 12)F33 206/205 Tl corr	4832.4330469	37.2993	3144.7767322	20.8352	29 of 30	2128.5199640	13.9767	26 of 30
(Set 12)F34 206/205 Tl corr mfc	4747.5003767	37.2993	3089.5055505	20.8352	29 of 30	2091.1100542	13.9767	26 of 30
(Set 12)F35 205/206 Tl corr mfc	0.0004515	13.0772	0.0004586	10.8567	28 of 30	0.0004162	10.3841	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	0.0565181	0.4724	0.0568927	0.3227	27 of 30	0.0570176	0.2451	26 of 30
(Set 13)F10 204Pb/206Pb 201	0.0549503	0.5520	0.0552304	0.4519	28 of 30	0.0554923	0.3324	26 of 30
(Set 13)F11 204Pb/206Pb 202	0.0564162	0.4778	0.0567970	0.3239	27 of 30	0.0569153	0.2573	26 of 30
(Set 13)F12 207Pb/206Pb	0.8879990	0.4497	0.8955586	0.2277	26 of 30	0.8955586	0.2277	26 of 30
(Set 13)F13 208Pb/206Pb	2.1469434	0.4541	2.1654637	0.2269	26 of 30	2.1654637	0.2269	26 of 30
(Set 13)F14 206Pb/204Pb Tl fc	17.8965818	0.5771	17.7996463	0.4717	28 of 30	17.7105149	0.3457	26 of 30
(Set 13)F15 207Pb/204Pb Tl fc	15.7420677	0.1736	15.7528636	0.1649	29 of 30	15.7528636	0.1649	29 of 30
(Set 13)F16 208Pb/204Pb Tl fc	37.7294645	0.1629	37.7553944	0.1527	29 of 30	37.7553944	0.1527	29 of 30
(Set 13)F17 207Pb/206Pb Tl fc	0.8802525	0.4497	0.8877462	0.2277	26 of 30	0.8877462	0.2277	26 of 30
(Set 13)F18 208Pb/206Pb Tl fc	2.1097503	0.4541	2.1279497	0.2269	26 of 30	2.1279497	0.2269	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 12

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	0.9904246	0.4541	0.9989683	0.2269	26 of 30	0.9989683	0.2269	26 of 30
(Set 13)F20 206Pb/204Pb 8/6 201	18.4187759	1.0707	18.1428067	0.7548	27 of 30	18.0519586	0.5900	26 of 30
(Set 13)F21 207Pb/206Pb 8/6 corr	0.8922279	0.2248	0.8960075	0.1163	26 of 30	0.8960075	0.1163	26 of 30
(Set 13)F22 206Pb/204Pb 8/6 200	17.9015789	0.9888	17.6500104	0.6784	27 of 30	17.5693500	0.5235	26 of 30
(Set 13)F23 206Pb/204Pb 8/6 202	17.9343546	0.9947	17.6797660	0.6789	27 of 30	17.5977063	0.5173	26 of 30
(Set 13)F24 Tl/Pb	0.0047211	6.0029	0.0046011	5.7765	29 of 30	0.0046011	5.7765	29 of 30
(Set 13)F25 206V	0.1276074	2.3179	0.1276074	2.3179	30 of 30	0.1276074	2.3179	30 of 30
(Set 13)F31 206/205	79.2475021	6.5870	77.2194051	6.4476	29 of 30	77.2194051	6.4476	29 of 30
(Set 13)F33 206/205 Tl corr	1951.0688366	64.6970	693.6443023	16.5095	29 of 30	699.6136097	7.5916	26 of 30
(Set 13)F34 206/205 Tl corr mfc	1916.7777281	64.6970	681.4531220	16.5095	29 of 30	687.3175155	7.5916	26 of 30
(Set 13)F35 205/206 Tl corr mfc	0.0014690	9.8418	0.0015398	8.4708	29 of 30	0.0015939	7.7189	28 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	0.0568181	0.3843	0.0571344	0.2505	27 of 30	0.0572167	0.2126	26 of 30
(Set 14)F10 204Pb/206Pb 201	0.0542909	0.3579	0.0545729	0.2311	27 of 30	0.0546418	0.2009	26 of 30
(Set 14)F11 204Pb/206Pb 202	0.0566553	0.3665	0.0569577	0.2363	27 of 30	0.0570373	0.1977	26 of 30
(Set 14)F12 207Pb/206Pb	0.8921921	0.3561	0.8971695	0.1918	27 of 30	0.8984056	0.1385	26 of 30
(Set 14)F13 208Pb/206Pb	2.1542984	0.3675	2.1665603	0.2043	27 of 30	2.1696121	0.1535	26 of 30
(Set 14)F14 206Pb/204Pb Tl fc	18.1041403	0.3681	18.0062565	0.2341	27 of 30	17.9828550	0.2026	26 of 30
(Set 14)F15 207Pb/204Pb Tl fc	16.0057352	0.1269	16.0057352	0.1269	30 of 30	16.0057352	0.1269	30 of 30
(Set 14)F16 208Pb/204Pb Tl fc	38.3119233	0.1300	38.2927609	0.1243	29 of 30	38.2927609	0.1243	29 of 30
(Set 14)F17 207Pb/206Pb Tl fc	0.8844090	0.3561	0.8893431	0.1918	27 of 30	0.8905684	0.1385	26 of 30
(Set 14)F18 208Pb/206Pb Tl fc	2.1169779	0.3675	2.1290274	0.2043	27 of 30	2.1320262	0.1535	26 of 30
(Set 14)F19 208Pb/206Pb m/r	0.9938176	0.3675	0.9994742	0.2043	27 of 30	1.0008820	0.1535	26 of 30
(Set 14)F20 206Pb/204Pb 8/6 201	18.5568464	0.7544	18.3404230	0.4286	27 of 30	18.2887649	0.3367	26 of 30
(Set 14)F21 207Pb/206Pb 8/6 corr	0.8949317	0.1741	0.8973971	0.0912	27 of 30	0.8980048	0.0635	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 13

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	17.7330347	0.7829	17.5187599	0.4483	27 of 30	17.4659574	0.3460	26 of 30
(Set 14)F23 206Pb/204Pb 8/6 202	17.7829818	0.7655	17.5727071	0.4365	27 of 30	17.5205597	0.3336	26 of 30
(Set 14)F24 TI/Pb	0.0032532	3.7696	0.0033513	3.2630	28 of 30	0.0033513	3.2630	28 of 30
(Set 14)F25 206V	0.0990124	0.9118	0.0985981	0.8420	29 of 30	0.0982323	0.7863	28 of 30
(Set 14)F31 206/205	105.4159029	4.4340	101.2589274	3.8932	28 of 30	97.5833484	3.3221	26 of 30
(Set 14)F33 206/205 TI corr	820.2340060	38.5933	504.0927176	16.3125	26 of 30	504.0927176	16.3125	26 of 30
(Set 14)F34 206/205 TI corr mfc	805.8179419	38.5933	495.2330107	16.3125	26 of 30	495.2330107	16.3125	26 of 30
(Set 14)F35 205/206 TI corr mfc	0.0016377	11.2659	0.0016487	9.6779	28 of 30	0.0017787	7.9506	26 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	0.0572002	0.1033	0.0572002	0.1033	30 of 30	0.0572002	0.1033	30 of 30
(Set 15)F10 204Pb/206Pb 201	0.0557349	0.3321	0.0557349	0.3321	30 of 30	0.0557349	0.3321	30 of 30
(Set 15)F11 204Pb/206Pb 202	0.0571105	0.1025	0.0571105	0.1025	30 of 30	0.0571105	0.1025	30 of 30
(Set 15)F12 207Pb/206Pb	0.9022977	0.0361	0.9024770	0.0311	29 of 30	0.9024770	0.0311	29 of 30
(Set 15)F13 208Pb/206Pb	2.1815015	0.0187	2.1816634	0.0177	29 of 30	2.1816634	0.0177	29 of 30
(Set 15)F14 206Pb/204Pb TI fc	17.6339815	0.3305	17.6339815	0.3305	30 of 30	17.6339815	0.3305	30 of 30
(Set 15)F15 207Pb/204Pb TI fc	15.7720624	0.3168	15.7720624	0.3168	30 of 30	15.7720624	0.3168	30 of 30
(Set 15)F16 208Pb/204Pb TI fc	37.8017001	0.3189	37.8017001	0.3189	30 of 30	37.8017001	0.3189	30 of 30
(Set 15)F17 207Pb/206Pb TI fc	0.8944265	0.0361	0.8946042	0.0311	29 of 30	0.8946042	0.0311	29 of 30
(Set 15)F18 208Pb/206Pb TI fc	2.1437097	0.0187	2.1438688	0.0177	29 of 30	2.1438688	0.0177	29 of 30
(Set 15)F19 208Pb/206Pb m/r	1.0063669	0.0187	1.0064415	0.0177	29 of 30	1.0064415	0.0177	29 of 30
(Set 15)F20 206Pb/204Pb 8/6 201	17.8334139	0.3429	17.8334139	0.3429	30 of 30	17.8334139	0.3429	30 of 30
(Set 15)F21 207Pb/206Pb 8/6 corr	0.8994309	0.0313	0.8996182	0.0241	29 of 30	0.8996182	0.0241	29 of 30
(Set 15)F22 206Pb/204Pb 8/6 200	17.3713533	0.1040	17.3645012	0.0997	29 of 30	17.3645012	0.0997	29 of 30
(Set 15)F23 206Pb/204Pb 8/6 202	17.3986601	0.1064	17.3986601	0.1064	30 of 30	17.3986601	0.1064	30 of 30
(Set 15)F24 TI/Pb	0.0056001	20.4402	0.0039771	19.4950	27 of 30	0.0035082	18.2909	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 14

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	0.1410837	8.9384	0.1410837	8.9384	30 of 30	0.1410837	8.9384	30 of 30
(Set 15)F31 206/205	127.3346069	11.4605	127.3346069	11.4605	30 of 30	127.3346069	11.4605	30 of 30
(Set 15)F33 206/205 Tl corr	-199.6443979	-884.2394	645.9041708	42.8979	28 of 30	988.1916168	10.8692	26 of 30
(Set 15)F34 206/205 Tl corr mfc	-196.1355377	-884.2394	634.5520496	42.8979	28 of 30	970.8236053	10.8692	26 of 30
(Set 15)F35 205/206 Tl corr mfc	0.0011673	13.4995	0.0012269	12.3083	29 of 30	0.0012269	12.3083	29 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	0.0577238	0.0914	0.0577459	0.0859	29 of 30	0.0578042	0.0722	26 of 30
(Set 16)F10 204Pb/206Pb 201	0.0577129	0.0915	0.0577330	0.0875	29 of 30	0.0577543	0.0823	28 of 30
(Set 16)F11 204Pb/206Pb 202	0.0577333	0.0962	0.0577559	0.0910	29 of 30	0.0578195	0.0747	26 of 30
(Set 16)F12 207Pb/206Pb	0.9115522	0.0695	0.9118031	0.0660	29 of 30	0.9118031	0.0660	29 of 30
(Set 16)F13 208Pb/206Pb	2.1950376	0.0468	2.1954301	0.0448	29 of 30	2.1962072	0.0403	27 of 30
(Set 16)F14 206Pb/204Pb Tl fc	17.0246003	0.0917	17.0186098	0.0877	29 of 30	17.0123027	0.0824	28 of 30
(Set 16)F15 207Pb/204Pb Tl fc	15.3832042	0.0545	15.3866069	0.0515	29 of 30	15.3897524	0.0490	28 of 30
(Set 16)F16 208Pb/204Pb Tl fc	36.7218822	0.0599	36.7218822	0.0599	30 of 30	36.7218822	0.0599	30 of 30
(Set 16)F17 207Pb/206Pb Tl fc	0.9036003	0.0695	0.9038489	0.0660	29 of 30	0.9038489	0.0660	29 of 30
(Set 16)F18 208Pb/206Pb Tl fc	2.1570113	0.0468	2.1573970	0.0448	29 of 30	2.1581606	0.0403	27 of 30
(Set 16)F19 208Pb/206Pb m/r	1.0126113	0.0468	1.0127924	0.0448	29 of 30	1.0131509	0.0403	27 of 30
(Set 16)F20 206Pb/204Pb 8/6 201	17.1100436	0.1333	17.0919456	0.1195	28 of 30	17.0919456	0.1195	28 of 30
(Set 16)F21 207Pb/206Pb 8/6 corr	0.9058404	0.0466	0.9060088	0.0442	29 of 30	0.9060088	0.0442	29 of 30
(Set 16)F22 206Pb/204Pb 8/6 200	17.1068097	0.1340	17.0974664	0.1267	29 of 30	17.0722996	0.1077	26 of 30
(Set 16)F23 206Pb/204Pb 8/6 202	17.1040569	0.1387	17.0848477	0.1231	28 of 30	17.0676790	0.1095	26 of 30
(Set 16)F24 Tl/Pb	0.0296675	0.8209	0.0299058	0.6362	28 of 30	0.0300635	0.5583	26 of 30
(Set 16)F25 206V	0.2525631	2.3846	0.2551012	2.2161	29 of 30	0.2620396	1.7534	26 of 30
(Set 16)F31 206/205	11.4213408	0.8520	11.3215587	0.6375	28 of 30	11.2580871	0.5477	26 of 30
(Set 16)F33 206/205 Tl corr	376.5274294	311.0002	1242.1445648	40.3703	27 of 30	1721.1909625	8.9502	26 of 30
(Set 16)F34 206/205 Tl corr mfc	369.9097526	311.0002	1220.3131905	40.3703	27 of 30	1690.9400842	8.9502	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 15

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 Tl corr mfc	369.9097526	311.0002	1220.3131905	40.3703	27 of 30	1690.9400842	8.9502	26 of 30
(Set 16)F35 205/206 Tl corr mfc	0.0005905	10.4665	0.0006139	9.6373	29 of 30	0.0006864	7.0286	26 of 30
(Set 17)F1 205Tl/203Tl 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	0.0581725	0.0946	0.0581461	0.0860	29 of 30	0.0581253	0.0811	28 of 30
(Set 17)F10 204Pb/206Pb 201	0.0580389	0.0976	0.0580134	0.0902	29 of 30	0.0579925	0.0858	28 of 30
(Set 17)F11 204Pb/206Pb 202	0.0581499	0.0931	0.0581244	0.0850	29 of 30	0.0581028	0.0793	28 of 30
(Set 17)F12 207Pb/206Pb	0.9164119	0.0257	0.9165107	0.0241	29 of 30	0.9165107	0.0241	29 of 30
(Set 17)F13 208Pb/206Pb	2.2032773	0.0183	2.2034519	0.0171	29 of 30	2.2039420	0.0132	26 of 30
(Set 17)F14 206Pb/204Pb Tl fc	16.9290274	0.0973	16.9363949	0.0900	29 of 30	16.9424393	0.0857	28 of 30
(Set 17)F15 207Pb/204Pb Tl fc	15.3786134	0.0977	15.3914082	0.0844	28 of 30	15.3914082	0.0844	28 of 30
(Set 17)F16 208Pb/204Pb Tl fc	36.6531471	0.0961	36.6684051	0.0896	29 of 30	36.6944325	0.0804	27 of 30
(Set 17)F17 207Pb/206Pb Tl fc	0.9084176	0.0257	0.9085155	0.0241	29 of 30	0.9085155	0.0241	29 of 30
(Set 17)F18 208Pb/206Pb Tl fc	2.1651083	0.0183	2.1652798	0.0171	29 of 30	2.1657615	0.0132	26 of 30
(Set 17)F19 208Pb/206Pb m/r	1.0164124	0.0183	1.0164930	0.0171	29 of 30	1.0167191	0.0132	26 of 30
(Set 17)F20 206Pb/204Pb 8/6 201	16.9495139	0.1019	16.9572144	0.0944	29 of 30	16.9757698	0.0802	26 of 30
(Set 17)F21 207Pb/206Pb 8/6 corr	0.9089625	0.0188	0.9090305	0.0178	29 of 30	0.9091568	0.0161	27 of 30
(Set 17)F22 206Pb/204Pb 8/6 200	16.9105653	0.0980	16.9184762	0.0891	29 of 30	16.9307365	0.0789	27 of 30
(Set 17)F23 206Pb/204Pb 8/6 202	16.9171136	0.0958	16.9314341	0.0807	28 of 30	16.9422999	0.0725	26 of 30
(Set 17)F24 Tl/Pb	0.0261918	3.4442	0.0261918	3.4442	30 of 30	0.0261918	3.4442	30 of 30
(Set 17)F25 206V	0.1794380	2.1386	0.1775895	1.9601	29 of 30	0.1762050	1.8785	28 of 30
(Set 17)F31 206/205	13.3008994	3.3910	13.3008994	3.3910	30 of 30	13.3008994	3.3910	30 of 30
(Set 17)F33 206/205 Tl corr	-458.3065215	-382.9850	1124.0717242	69.9459	29 of 30	1075.9342955	19.8480	26 of 30
(Set 17)F34 206/205 Tl corr mfc	-450.2515322	-382.9850	1104.3155450	69.9459	29 of 30	1057.0241581	19.8480	26 of 30
(Set 17)F35 205/206 Tl corr mfc	0.0007815	12.0732	0.0007776	10.7207	28 of 30	0.0007776	10.7207	28 of 30
(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

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

Tuesday, November 23, 2004 12:38:46 PM Page 16

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	0.0577510	0.0982	0.0577216	0.0870	29 of 30	0.0577015	0.0826	28 of 30
(Set 18)F10 204Pb/206Pb 201	0.0577300	0.1059	0.0576995	0.0951	29 of 30	0.0576771	0.0900	28 of 30
(Set 18)F11 204Pb/206Pb 202	0.0577456	0.0984	0.0577164	0.0874	29 of 30	0.0576953	0.0824	28 of 30
(Set 18)F12 207Pb/206Pb	0.9122064	0.0525	0.9120095	0.0496	29 of 30	0.9120095	0.0496	29 of 30
(Set 18)F13 208Pb/206Pb	2.1972301	0.0360	2.1972301	0.0360	30 of 30	2.1972301	0.0360	30 of 30
(Set 18)F14 206Pb/204Pb Tl fc	17.0196955	0.1056	17.0285557	0.0951	29 of 30	17.0351266	0.0901	28 of 30
(Set 18)F15 207Pb/204Pb Tl fc	15.3898567	0.0761	15.3962778	0.0659	29 of 30	15.3962778	0.0659	29 of 30
(Set 18)F16 208Pb/204Pb Tl fc	36.7480569	0.0839	36.7649315	0.0727	29 of 30	36.7649315	0.0727	29 of 30
(Set 18)F17 207Pb/206Pb Tl fc	0.9042487	0.0525	0.9040536	0.0496	29 of 30	0.9040536	0.0496	29 of 30
(Set 18)F18 208Pb/206Pb Tl fc	2.1591659	0.0360	2.1591659	0.0360	30 of 30	2.1591659	0.0360	30 of 30
(Set 18)F19 208Pb/206Pb m/r	1.0136228	0.0360	1.0136228	0.0360	30 of 30	1.0136228	0.0360	30 of 30
(Set 18)F20 206Pb/204Pb 8/6 201	17.0877998	0.1339	17.0977546	0.1247	29 of 30	17.1063661	0.1182	28 of 30
(Set 18)F21 207Pb/206Pb 8/6 corr	0.9060378	0.0349	0.9059014	0.0326	29 of 30	0.9055537	0.0274	26 of 30
(Set 18)F22 206Pb/204Pb 8/6 200	17.0814880	0.1264	17.0911331	0.1170	29 of 30	17.0990558	0.1113	28 of 30
(Set 18)F23 206Pb/204Pb 8/6 202	17.0831036	0.1262	17.0926908	0.1170	29 of 30	17.1157652	0.0997	26 of 30
(Set 18)F24 Tl/Pb	0.0290018	1.9218	0.0290018	1.9218	30 of 30	0.0290018	1.9218	30 of 30
(Set 18)F25 206V	0.2275162	2.0757	0.2275162	2.0757	30 of 30	0.2275162	2.0757	30 of 30
(Set 18)F31 206/205	11.7669985	1.7713	11.7669985	1.7713	30 of 30	11.7669985	1.7713	30 of 30
(Set 18)F33 206/205 Tl corr	7297.3746306	47.2243	2361.4628834	12.9683	28 of 30	2054.6309564	11.5380	26 of 30
(Set 18)F34 206/205 Tl corr mfc	7169.1192556	47.2243	2319.9588737	12.9683	28 of 30	2018.5196866	11.5380	26 of 30
(Set 18)F35 205/206 Tl corr mfc	0.0005994	12.4878	0.0005650	12.1778	29 of 30	0.0004819	11.7309	26 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	0.0579778	0.4133	0.0579762	0.1717	28 of 30	0.0580711	0.1378	26 of 30
(Set 19)F10 204Pb/206Pb 201	0.0579502	0.4105	0.0579443	0.1681	28 of 30	0.0580337	0.1382	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 17

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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	0.0579769	0.4113	0.0579724	0.1711	28 of 30	0.0580655	0.1384	26 of 30
(Set 19)F12 207Pb/206Pb	0.9140382	0.0437	0.9140382	0.0437	30 of 30	0.9140382	0.0437	30 of 30
(Set 19)F13 208Pb/206Pb	2.1998509	0.0297	2.1998509	0.0297	30 of 30	2.1998509	0.0297	30 of 30
(Set 19)F14 206Pb/204Pb Tl fc	16.9627706	0.4123	16.9575073	0.1689	28 of 30	16.9308929	0.1380	26 of 30
(Set 19)F15 207Pb/204Pb Tl fc	15.3692442	0.4069	15.3678655	0.1530	28 of 30	15.3452784	0.1231	26 of 30
(Set 19)F16 208Pb/204Pb Tl fc	36.6690098	0.4100	36.6635933	0.1589	28 of 30	36.6084309	0.1291	26 of 30
(Set 19)F17 207Pb/206Pb Tl fc	0.9060646	0.0437	0.9060646	0.0437	30 of 30	0.9060646	0.0437	30 of 30
(Set 19)F18 208Pb/206Pb Tl fc	2.1617413	0.0297	2.1617413	0.0297	30 of 30	2.1617413	0.0297	30 of 30
(Set 19)F19 208Pb/206Pb m/r	1.0148318	0.0297	1.0148318	0.0297	30 of 30	1.0148318	0.0297	30 of 30
(Set 19)F20 206Pb/204Pb 8/6 201	17.0100639	0.4168	17.0019910	0.1834	28 of 30	16.9959080	0.1508	26 of 30
(Set 19)F21 207Pb/206Pb 8/6 corr	0.9073151	0.0296	0.9073151	0.0296	30 of 30	0.9073151	0.0296	30 of 30
(Set 19)F22 206Pb/204Pb 8/6 200	17.0021081	0.4209	16.9926730	0.1869	28 of 30	16.9632545	0.1519	26 of 30
(Set 19)F23 206Pb/204Pb 8/6 202	17.0022883	0.4181	16.9938052	0.1866	28 of 30	16.9873751	0.1520	26 of 30
(Set 19)F24 Tl/Pb	0.0336707	1.5198	0.0336707	1.5198	30 of 30	0.0336707	1.5198	30 of 30
(Set 19)F25 206V	0.1837554	1.9466	0.1822708	1.8482	29 of 30	0.1822708	1.8482	29 of 30
(Set 19)F31 206/205	10.0976721	1.5649	10.0976721	1.5649	30 of 30	10.0976721	1.5649	30 of 30
(Set 19)F33 206/205 Tl corr	3799.6050498	108.3993	1903.8807178	49.4898	28 of 30	2038.9892813	32.6561	26 of 30
(Set 19)F34 206/205 Tl corr mfc	3732.8249000	108.3993	1870.4189664	49.4898	28 of 30	2003.1529226	32.6561	26 of 30
(Set 19)F35 205/206 Tl corr mfc	0.0005610	17.5666	0.0005122	17.3006	29 of 30	0.0005122	17.3006	29 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	0.0578060	0.2644	0.0578643	0.1421	28 of 30	0.0578598	0.1195	26 of 30
(Set 20)F10 204Pb/206Pb 201	0.0577561	0.2713	0.0578208	0.1433	28 of 30	0.0578200	0.1225	26 of 30
(Set 20)F11 204Pb/206Pb 202	0.0578255	0.2659	0.0578842	0.1421	28 of 30	0.0578820	0.1210	26 of 30
(Set 20)F12 207Pb/206Pb	0.9123471	0.0524	0.9123471	0.0524	30 of 30	0.9123471	0.0524	30 of 30
(Set 20)F13 208Pb/206Pb	2.1970301	0.0340	2.1970301	0.0340	30 of 30	2.1970301	0.0340	30 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 18

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 TI fc	17.0152179	0.2809	16.9764586	0.1705	29 of 30	16.9932823	0.1225	26 of 30
(Set 20)F15 207Pb/204Pb TI fc	15.3881511	0.2677	15.3723776	0.1292	28 of 30	15.3739614	0.0912	26 of 30
(Set 20)F16 208Pb/204Pb TI fc	36.7350033	0.2712	36.6951170	0.1334	28 of 30	36.6975067	0.1014	26 of 30
(Set 20)F17 207Pb/206Pb TI fc	0.9043883	0.0524	0.9043883	0.0524	30 of 30	0.9043883	0.0524	30 of 30
(Set 20)F18 208Pb/206Pb TI fc	2.1589693	0.0340	2.1589693	0.0340	30 of 30	2.1589693	0.0340	30 of 30
(Set 20)F19 208Pb/206Pb m/r	1.0135305	0.0340	1.0135305	0.0340	30 of 30	1.0135305	0.0340	30 of 30
(Set 20)F20 206Pb/204Pb 8/6 201	17.0848870	0.2944	17.0441108	0.1788	29 of 30	17.0594940	0.1598	28 of 30
(Set 20)F21 207Pb/206Pb 8/6 corr	0.9062190	0.0363	0.9062190	0.0363	30 of 30	0.9062190	0.0363	30 of 30
(Set 20)F22 206Pb/204Pb 8/6 200	17.0699231	0.2858	17.0309385	0.1783	29 of 30	17.0466557	0.1580	28 of 30
(Set 20)F23 206Pb/204Pb 8/6 202	17.0642151	0.2878	17.0249514	0.1794	29 of 30	17.0407924	0.1588	28 of 30
(Set 20)F24 TI/Pb	0.0272290	1.4380	0.0272290	1.4380	30 of 30	0.0272290	1.4380	30 of 30
(Set 20)F25 206V	0.2190456	1.0107	0.2212338	0.7802	28 of 30	0.2214610	0.6074	26 of 30
(Set 20)F31 206/205	12.4799375	1.4733	12.4799375	1.4733	30 of 30	12.4799375	1.4733	30 of 30
(Set 20)F33 206/205 TI corr	561.9650358	260.4387	1313.3286022	36.2892	28 of 30	1539.0331450	11.6697	26 of 30
(Set 20)F34 206/205 TI corr mfc	552.0881910	260.4387	1290.2461293	36.2892	28 of 30	1511.9837905	11.6697	26 of 30
(Set 20)F35 205/206 TI corr mfc	0.0007203	10.6299	0.0007203	10.6299	30 of 30	0.0007203	10.6299	30 of 30
(Set 21)F1 205TI/203TI m/r	1.0178900	0.0000	1.0178900	0.0000	30 of 30	1.0178900	0.0000	30 of 30
(Set 21)F9 204Pb/206Pb 200	0.0574149	0.3480	0.0574199	0.1285	28 of 30	0.0575057	0.0769	26 of 30
(Set 21)F10 204Pb/206Pb 201	0.0573540	0.3479	0.0573596	0.1273	28 of 30	0.0574452	0.0738	26 of 30
(Set 21)F11 204Pb/206Pb 202	0.0573893	0.3443	0.0573939	0.1242	28 of 30	0.0574784	0.0733	26 of 30
(Set 21)F12 207Pb/206Pb	0.9079457	0.0283	0.9080810	0.0249	29 of 30	0.9083701	0.0194	26 of 30
(Set 21)F13 208Pb/206Pb	2.1902902	0.0233	2.1907519	0.0194	28 of 30	2.1907519	0.0194	28 of 30
(Set 21)F14 206Pb/204Pb TI fc	17.1367826	0.3517	17.1297927	0.1290	28 of 30	17.1037474	0.0738	26 of 30
(Set 21)F15 207Pb/204Pb TI fc	15.4233735	0.3411	15.4210284	0.1130	28 of 30	15.4009757	0.0675	26 of 30
(Set 21)F16 208Pb/204Pb TI fc	36.8839731	0.3432	36.8754107	0.1152	28 of 30	36.8256832	0.0676	26 of 30

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

Tuesday, November 23, 2004 12:38:46 PM Page 19

(counts per second) (First sample acquired : Tue Nov 23 12:19:29 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 21)F17 207Pb/206Pb T1 fc	0.9000253	0.0283	0.9001594	0.0249	29 of 30	0.9004460	0.0194	26 of 30
(Set 21)F18 208Pb/206Pb T1 fc	2.1523461	0.0233	2.1527999	0.0194	28 of 30	2.1527999	0.0194	28 of 30
(Set 21)F19 208Pb/206Pb m/r	1.0104212	0.0233	1.0106343	0.0194	28 of 30	1.0106343	0.0194	28 of 30
(Set 21)F20 206Pb/204Pb 8/6 201	17.2603576	0.3617	17.2502493	0.1448	28 of 30	17.2210212	0.0839	26 of 30
(Set 21)F21 207Pb/206Pb 8/6 corr	0.9032383	0.0174	0.9033258	0.0150	29 of 30	0.9035062	0.0112	26 of 30
(Set 21)F22 206Pb/204Pb 8/6 200	17.2420477	0.3615	17.2321688	0.1456	28 of 30	17.2029289	0.0861	26 of 30
(Set 21)F23 206Pb/204Pb 8/6 202	17.2495917	0.3571	17.2399076	0.1403	28 of 30	17.2110798	0.0810	26 of 30
(Set 21)F24 Tl/Pb	0.0276642	1.5555	0.0276642	1.5555	30 of 30	0.0276642	1.5555	30 of 30
(Set 21)F25 206V	0.2146003	1.1639	0.2133186	1.0402	29 of 30	0.2124490	0.9959	28 of 30
(Set 21)F31 206/205	12.3329650	1.6057	12.3329650	1.6057	30 of 30	12.3329650	1.6057	30 of 30
(Set 21)F33 206/205 Tl corr	6443.2757232	122.2517	-1150.9665088	-188.1052	29 of 30	1471.8834561	7.7193	26 of 30
(Set 21)F34 206/205 Tl corr mfc	6330.0316065	122.2517	-1130.7376390	-188.1052	29 of 30	1446.0142944	7.7193	26 of 30
(Set 21)F35 205/206 Tl corr mfc	0.0006846	9.1883	0.0007365	7.5039	28 of 30	0.0007636	6.5449	27 of 30