

N° 4 ?

DL 3A(2)

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

Tuesday, November 23, 2004 02:03:42 PM Page 2
(counts per second) (First sample acquired : Tue Nov 23 14:02:02 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Set 2)F10 204Pb/206Pb 201	0.0959433	46.7912	0.0526992	23.6785	29 of 30	0.0498687	13.2957	26 of 30
(Set 2)F11 204Pb/206Pb 202	0.1017433	45.3777	0.0566816	18.3525	29 of 30	0.0595011	9.4853	26 of 30
(Set 2)F12 207Pb/206Pb	0.9028640	2.7242	0.9242563	1.3593	29 of 30	0.9046449	0.6814	26 of 30
(Set 2)F13 208Pb/206Pb	2.1692280	3.0942	2.2183283	1.3067	27 of 30	2.1949797	0.8134	26 of 30
(Set 2)F14 206Pb/204Pb Tl fc	14.5340117	22.2353	13.6126123	11.9819	28 of 30	15.4835052	6.6299	26 of 30
(Set 2)F15 207Pb/204Pb Tl fc	12.7338789	22.6777	11.8787490	12.2224	28 of 30	13.5290587	6.9540	26 of 30
(Set 2)F16 208Pb/204Pb Tl fc	30.3782717	22.4574	28.3735451	12.2746	28 of 30	32.4627214	6.5691	26 of 30
(Set 2)F17 207Pb/206Pb Tl fc	0.8949878	2.7242	0.9161936	1.3593	29 of 30	0.8967533	0.6814	26 of 30
(Set 2)F18 208Pb/206Pb Tl fc	2.1316489	3.0942	2.1798985	1.3067	27 of 30	2.1569544	0.8134	26 of 30
(Set 2)F19 208Pb/206Pb m/r	1.0007049	3.0942	1.0233558	1.3067	27 of 30	1.0125846	0.8134	26 of 30
(Set 2)F20 206Pb/204Pb 8/6 201	15.6289841	22.4560	14.7517029	14.0141	28 of 30	14.6616009	8.9462	26 of 30
(Set 2)F21 207Pb/206Pb 8/6 corr	0.9066184	3.0764	0.9003153	0.7262	28 of 30	0.9077191	0.4739	26 of 30
(Set 2)F22 206Pb/204Pb 8/6 200	12.3755430	54.2190	15.5484744	15.3842	28 of 30	14.7408420	6.5656	26 of 30
(Set 2)F23 206Pb/204Pb 8/6 202	25.5071918	33.2275	14.2224542	13.4621	28 of 30	14.1365323	9.5533	26 of 30
(Set 2)F24 Tl/Pb	0.0178515	74.8323	0.0302038	17.4335	29 of 30	0.0327694	9.5313	26 of 30
(Set 2)F25 206V	0.0514349	26.8214	0.0461404	28.5786	29 of 30	0.0296369	35.6767	26 of 30
(Set 2)F31 206/205	14.5304285	33.5875	10.0241458	19.3509	29 of 30	11.4053844	6.0752	26 of 30
(Set 2)F33 206/205 Tl corr	34242.7553237	100.5756	-190.2893265	-373.0526	29 of 30	364.6959267	44.9150	26 of 30
(Set 2)F34 206/205 Tl corr mfc	33640.9200544	100.5756	-186.9448869	-373.0526	29 of 30	358.2861951	44.9150	26 of 30
(Set 2)F35 205/206 Tl corr mfc	0.0311443	138.5070	-0.0177742	-149.0925	28 of 30	-0.0182835	-105.9838	26 of 30

MISS OUT. ??

?

Set 2? No 205 & 1/203
Tl m/r

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

Tuesday, November 23, 2004 02:07:06 PM Page 1

(counts per second) (First sample acquired : Tue Nov 23 14:06:57 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	dlc3a-5	1	Tue Nov 23 14:06:57 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	0.0585506	0.2645	0.0585457	0.2362	28 of 30	0.0585414	0.2110	26 of 30
(Set 1)F10 204Pb/206Pb 201	0.0537658	0.3306	0.0538356	0.2673	27 of 30	0.0539052	0.2428	26 of 30
(Set 1)F11 204Pb/206Pb 202	0.0581193	0.2670	0.0580452	0.2432	29 of 30	0.0579260	0.2120	27 of 30
(Set 1)F12 207Pb/206Pb	0.9070783	0.0745	0.9073542	0.0703	29 of 30	0.9081026	0.0592	26 of 30
(Set 1)F13 208Pb/206Pb	2.1862295	0.0643	2.1868360	0.0600	29 of 30	2.1868360	0.0600	29 of 30
(Set 1)F14 206Pb/204Pb Tl fc	18.2798202	0.3327	18.2537033	0.2690	27 of 30	18.2294174	0.2433	26 of 30
(Set 1)F15 207Pb/204Pb Tl fc	16.4369126	0.3602	16.4633044	0.3332	29 of 30	16.3977257	0.2786	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	39.2720805	0.3518	39.2792169	0.3103	28 of 30	39.1752156	0.2699	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.8991654	0.0745	0.8994389	0.0703	29 of 30	0.9001807	0.0592	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1483558	0.0643	2.1489518	0.0600	29 of 30	2.1489518	0.0600	29 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0085480	0.0643	1.0088278	0.0600	29 of 30	1.0088278	0.0600	29 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	18.4459433	0.3252	18.3945217	0.2810	28 of 30	18.3896800	0.2356	26 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9032138	0.0458	0.9033763	0.0436	29 of 30	0.9036979	0.0386	27 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	16.9371543	0.3000	16.9575467	0.2841	29 of 30	16.9763413	0.2708	28 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0628949	0.3005	17.0863084	0.2764	29 of 30	17.1072375	0.2296	26 of 30
(Set 1)F24 Tl/Pb	0.0030395	2.3402	0.0030113	2.2448	29 of 30	0.0030113	2.2448	29 of 30
(Set 1)F25 206V	0.0678878	3.0770	0.0670451	2.9510	29 of 30	0.0655111	2.7361	27 of 30
(Set 1)F31 206/205	104.4345360	1.9491	103.6297081	1.8675	29 of 30	102.7438176	1.5533	26 of 30
(Set 1)F33 206/205 Tl corr	497.0741587	11.6350	449.8082235	7.6696	29 of 30	402.6176732	6.2097	26 of 30
(Set 1)F34 206/205 Tl corr mfc	488.3378068	11.6350	441.9025964	7.6696	29 of 30	395.5414460	6.2097	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0025695	8.2809	0.0024286	6.7952	29 of 30	0.0023592	5.6623	26 of 30

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

Tuesday, November 23, 2004 02:10:59 PM Page 1

(counts per second) (First sample acquired : Tue Nov 23 14:10:41 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 14:10:41 2004					
(Set 1)F1 205Ti/203Ti m/r	1.0207158	0.0082	1.0206248	0.0057	28 of 30	1.0206012	0.0054	27 of 30
(Set 1)F9 204Pb/206Pb 200	0.0574702	0.0111	0.0574726	0.0106	29 of 30	0.0574726	0.0106	29 of 30
(Set 1)F10 204Pb/206Pb 201	0.0574955	0.0105	0.0574980	0.0099	29 of 30	0.0575004	0.0093	28 of 30
(Set 1)F11 204Pb/206Pb 202	0.0574830	0.0112	0.0574858	0.0105	29 of 30	0.0574881	0.0100	28 of 30
(Set 1)F12 207Pb/206Pb	0.9191152	0.0134	0.9189687	0.0078	28 of 30	0.9189395	0.0074	27 of 30
(Set 1)F13 208Pb/206Pb	2.2122895	0.0032	2.2122895	0.0032	30 of 30	2.2122895	0.0032	30 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0415020	0.0113	17.0406113	0.0104	29 of 30	17.0406113	0.0104	29 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5052095	0.0135	15.5042859	0.0125	29 of 30	15.5035076	0.0119	28 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9465476	0.0181	36.9465476	0.0181	30 of 30	36.9465476	0.0181	30 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9098500	0.0101	0.9097451	0.0062	28 of 30	0.9096972	0.0054	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1680332	0.0096	2.1682488	0.0071	28 of 30	2.1683148	0.0066	27 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0205699	0.0032	1.0205699	0.0032	30 of 30	1.0205699	0.0032	30 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0388609	0.0107	17.0372427	0.0090	28 of 30	17.0373444	0.0080	26 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9097801	0.0142	0.9096297	0.0085	28 of 30	0.9096297	0.0085	28 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0463567	0.0110	17.0455665	0.0103	29 of 30	17.0448143	0.0096	28 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0425560	0.0112	17.0408819	0.0096	28 of 30	17.0415661	0.0090	27 of 30
(Set 1)F24 Tl/Pb	0.1506946	0.2586	0.1504360	0.2006	29 of 30	0.1504360	0.2006	29 of 30
(Set 1)F25 206V	2.4277346	2.1548	2.4363493	1.7482	28 of 30	2.3981976	1.4988	26 of 30
(Set 1)F31 206/205	2.2339817	0.2565	2.2377089	0.2013	29 of 30	2.2377089	0.2013	29 of 30
(Set 1)F33 206/205 Tl corr	-5960.4415906	-131.8933	552.5334326	824.7741	29 of 30	7006.0587776	43.2546	26 of 30
(Set 1)F34 206/205 Tl corr mfc	-5843.4862872	-131.8439	539.2985864	828.1236	29 of 30	6863.8230549	43.2684	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0001439	26.5332	0.0001016	25.3017	28 of 30	0.0000910	26.7168	27 of 30