

DLC 10-115
TNA/GSC

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

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(counts per second) (First sample acquired : Tue Nov 23 15:29:53 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
dlc10-11b-trave rsc1			Tue Nov 23 15:29:53 2004					
(Set 1)F1 205TI/203TI 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	0.0595010	0.4055	0.0596002	0.3820	29 of 30	0.0595243	0.3211	26 of 30
(Set 1)F10 204Pb/206Pb 201	0.0543161	0.7918	0.0544837	0.7525	29 of 30	0.0544837	0.7525	29 of 30
(Set 1)F11 204Pb/206Pb 202	0.0591919	0.3460	0.0593826	0.2816	28 of 30	0.0592390	0.2441	26 of 30
(Set 1)F12 207Pb/206Pb	0.9226176	0.0776	0.9228005	0.0517	28 of 30	0.9230746	0.0439	27 of 30
(Set 1)F13 208Pb/206Pb	2.2237403	0.0326	2.2234029	0.0299	29 of 30	2.2234029	0.0299	29 of 30
(Set 1)F14 206Pb/204Pb TI fc	18.1218756	0.7948	18.0617255 ✓	0.7500 ✓	29 of 30	18.0617255	0.7500	29 of 30
(Set 1)F15 207Pb/204Pb TI fc	16.5750585	0.8341	16.5140928 ✓	0.7778 ✓	29 of 30	16.5140928	0.7778	29 of 30
(Set 1)F16 208Pb/204Pb TI fc	39.6014261	0.8091	39.4634390 ✓	0.7585 ✓	29 of 30	39.4634390	0.7585	29 of 30
(Set 1)F17 207Pb/206Pb TI fc	0.9145692	0.0776	0.9147504 ✓	0.0517 ✓	28 of 30	0.9150221	0.0439	27 of 30
(Set 1)F18 208Pb/206Pb TI fc	2.1852168	0.0326	2.1848852 ✓	0.0299 ✓	29 of 30	2.1848852	0.0299	29 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0258524	0.0326	1.0256967	0.0299	29 of 30	1.0256967	0.0299	29 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.9747597	0.7815	17.9180843 ✓	0.7425	29 of 30	17.9180843	0.7425	29 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9108863	0.0750	0.9113894	0.0525	29 of 30	0.9112424	0.0371	26 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	16.3867458	0.4019	16.3595992 ✓	0.3797	29 of 30	16.3806514	0.3276	26 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	16.4702283	0.3437	16.4190756	0.2868	28 of 30	16.4577436	0.2529	26 of 30
(Set 1)F24 TI/Pb	0.0065148	7.9326	0.0065148	7.9326	30 of 30	0.0065148	7.9326	30 of 30
(Set 1)F25 206V	0.0430381	8.3189	0.0430381	8.3189	30 of 30	0.0430381	8.3189	30 of 30
(Set 1)F31 206/205	57.7843804	7.4566	54.1339598	6.9009	28 of 30	52.4680141	6.6134	27 of 30
(Set 1)F33 206/205 TI corr	762.1316094	29.1235	496.0858780	25.1808	28 of 30	453.2865602	14.8710	26 of 30
(Set 1)F34 206/205 TI corr mfc	748.7367269	29.1235	487.3668957	25.1808	28 of 30	445.3197994	14.8710	26 of 30
(Set 1)F35 205/206 TI corr mfc	0.0030305	16.1599	0.0023712	15.0852	27 of 30	0.0021660	14.0577	26 of 30
(Set 2)F1 205TI/203TI 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	0.0608896	0.2241	0.0609468	0.2104	29 of 30	0.0609468	0.2104	29 of 30
(Set 2)F10 204Pb/206Pb 201	0.0514221	0.3278	0.0515026	0.2978	29 of 30	0.0513204	0.2492	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 2)F10 204Pb/206Pb 201	0.0514221	0.3278	0.0515026	0.2978	29 of 30	0.0513204	0.2492	26 of 30
(Set 2)F11 204Pb/206Pb 202	0.0599237	0.2397	0.0599873	0.2222	29 of 30	0.0599873	0.2222	29 of 30
(Set 2)F12 207Pb/206Pb	0.9287045	0.0471	0.9285576	0.0376	27 of 30	0.9284126	0.0355	26 of 30
(Set 2)F13 208Pb/206Pb	2.2316123	0.0308	2.2319006	0.0289	29 of 30	2.2319006	0.0289	29 of 30
(Set 2)F14 206Pb/204Pb Tl fc	19.1128296	0.3285	19.0817196	0.2958	29 of 30	19.1277188	0.2616	27 of 30
(Set 2)F15 207Pb/204Pb Tl fc	17.5951781	0.3230	17.5879320	0.2717	28 of 30	17.5899463	0.2428	26 of 30
(Set 2)F16 208Pb/204Pb Tl fc	41.9132678	0.3234	41.8971980	0.2736	28 of 30	41.9443950	0.2584	27 of 30
(Set 2)F17 207Pb/206Pb Tl fc	0.9206030	0.0471	0.9204573	0.0376	27 of 30	0.9203136	0.0355	26 of 30
(Set 2)F18 208Pb/206Pb Tl fc	2.1929524	0.0308	2.1932357	0.0289	29 of 30	2.1932357	0.0289	29 of 30
(Set 2)F19 208Pb/206Pb m/r	1.0294839	0.0308	1.0296169	0.0289	29 of 30	1.0296169	0.0289	29 of 30
(Set 2)F20 206Pb/204Pb 8/6 201	18.8908562	0.3363	18.8596517	0.3037	29 of 30	18.9277183	0.2529	26 of 30
(Set 2)F21 207Pb/206Pb 8/6 corr	0.9152719	0.0349	0.9151327	0.0270	27 of 30	0.9150185	0.0249	26 of 30
(Set 2)F22 206Pb/204Pb 8/6 200	15.9509338	0.2348	15.9352252	0.2208	29 of 30	15.9352252	0.2208	29 of 30
(Set 2)F23 206Pb/204Pb 8/6 202	16.2083549	0.2475	16.1903082	0.2291	29 of 30	16.1903082	0.2291	29 of 30
(Set 2)F24 Tl/Pb	0.0047640	3.5501	0.0046977	3.4285	29 of 30	0.0046977	3.4285	29 of 30
(Set 2)F25 206V	0.0459967	0.9901	0.0458089	0.9375	29 of 30	0.0454402	0.8157	27 of 30
(Set 2)F31 206/205	70.3921086	3.4237	70.3921086	3.4237	30 of 30	70.3921086	3.4237	30 of 30
(Set 2)F33 206/205 Tl corr	749.2835161	93.4943	170.4256198	239.6393	29 of 30	276.7904210	90.3149	26 of 30
(Set 2)F34 206/205 Tl corr mfc	736.1144459	93.4943	167.4302958	239.6393	29 of 30	271.9256771	90.3149	26 of 30
(Set 2)F35 205/206 Tl corr mfc	0.0015888	22.6567	0.0015888	22.6567	30 of 30	0.0015888	22.6567	30 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	0.0602511	0.2007	0.0601978	0.1866	29 of 30	0.0601978	0.1866	29 of 30
(Set 3)F10 204Pb/206Pb 201	0.0522868	0.3667	0.0523593	0.3509	29 of 30	0.0525009	0.3178	27 of 30
(Set 3)F11 204Pb/206Pb 202	0.0595411	0.2113	0.0594838	0.1949	29 of 30	0.0594838	0.1949	29 of 30
(Set 3)F12 207Pb/206Pb	0.9248084	0.0939	0.9248084	0.0939	30 of 30	0.9248084	0.0939	30 of 30
(Set 3)F13 208Pb/206Pb	2.2205639	0.0855	2.2213350	0.0809	29 of 30	2.2213350	0.0809	29 of 30

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(Set 3)F13 208Pb/206Pb	2.2205639	0.0855	2.2213350	0.0809	29 of 30	2.2213350	0.0809	29 of 30
(Set 3)F14 206Pb/204Pb Tl fc	18.7982754	0.3694	18.7713879	0.3531	29 of 30	18.7191762	0.3186	27 of 30
(Set 3)F15 207Pb/204Pb Tl fc	17.2319708	0.3127	17.2108295	0.2981	29 of 30	17.2108295	0.2981	29 of 30
(Set 3)F16 208Pb/204Pb Tl fc	41.0169490	0.3135	40.9682565	0.3007	29 of 30	40.9682565	0.3007	29 of 30
(Set 3)F17 207Pb/206Pb Tl fc	0.9167409	0.0939	0.9167409	0.0939	30 of 30	0.9167409	0.0939	30 of 30
(Set 3)F18 208Pb/206Pb Tl fc	2.1820954	0.0855	2.1828532	0.0809	29 of 30	2.1828532	0.0809	29 of 30
(Set 3)F19 208Pb/206Pb m/r	1.0243871	0.0855	1.0247428	0.0809	29 of 30	1.0247428	0.0809	29 of 30
(Set 3)F20 206Pb/204Pb 8/6 201	18.6747399	0.4362	18.6096863	0.3907	28 of 30	18.5800751	0.3709	27 of 30
(Set 3)F21 207Pb/206Pb 8/6 corr	0.9137011	0.0562	0.9138952	0.0538	29 of 30	0.9138952	0.0538	29 of 30
(Set 3)F22 206Pb/204Pb 8/6 200	16.2009817	0.2484	16.1855252	0.2376	29 of 30	16.1855252	0.2376	29 of 30
(Set 3)F23 206Pb/204Pb 8/6 202	16.3944209	0.2608	16.3944209	0.2608	30 of 30	16.3944209	0.2608	30 of 30
(Set 3)F24 Tl/Pb	0.0058686	7.0846	0.0058686	7.0846	30 of 30	0.0058686	7.0846	30 of 30
(Set 3)F25 206V	0.0519223	1.3035	0.0519223	1.3035	30 of 30	0.0519223	1.3035	30 of 30
(Set 3)F31 206/205	65.7156599	8.0004	63.4506229	7.7400	29 of 30	63.4506229	7.7400	29 of 30
(Set 3)F33 206/205 Tl corr	633.9714091	33.2522	600.1965889	24.8374	28 of 30	592.8713539	21.1068	26 of 30
(Set 3)F34 206/205 Tl corr mfc	622.8290127	33.2522	589.6478036	24.8374	28 of 30	582.4513136	21.1068	26 of 30
(Set 3)F35 205/206 Tl corr mfc	0.0015725	17.8132	0.0016859	15.7273	29 of 30	0.0016859	15.7273	29 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	0.0601225	0.3511	0.0599381	0.3001	28 of 30	0.0599381	0.3001	28 of 30
(Set 4)F10 204Pb/206Pb 201	0.0503469	0.4498	0.0504483	0.4155	29 of 30	0.0506973	0.3463	26 of 30
(Set 4)F11 204Pb/206Pb 202	0.0591683	0.3410	0.0589928	0.2923	28 of 30	0.0589928	0.2923	28 of 30
(Set 4)F12 207Pb/206Pb	0.9150721	0.1280	0.9150721	0.1280	30 of 30	0.9150721	0.1280	30 of 30
(Set 4)F13 208Pb/206Pb	2.2126467	0.0543	2.2126467	0.0543	30 of 30	2.2126467	0.0543	30 of 30
(Set 4)F14 206Pb/204Pb Tl fc	19.5265218	0.4566	19.4851899	0.4196	29 of 30	19.3858331	0.3468	26 of 30
(Set 4)F15 207Pb/204Pb Tl fc	17.7137008	0.5290	17.6721291	0.4918	29 of 30	17.6721291	0.4918	29 of 30
(Set 4)F16 208Pb/204Pb Tl fc	42.4578561	0.4781	42.3648755	0.4409	29 of 30	42.1413938	0.3694	26 of 30

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(Set 4)F16 208Pb/204Pb Tl fc	42.4578561	0.4781	42.3648755	0.4409	29 of 30	42.1413938	0.3694	26 of 30
(Set 4)F17 207Pb/206Pb Tl fc	0.9070895	0.1280	0.9070895	0.1280	30 of 30	0.9070895	0.1280	30 of 30
(Set 4)F18 208Pb/206Pb Tl fc	2.1743154	0.0543	2.1743154	0.0543	30 of 30	2.1743154	0.0543	30 of 30
(Set 4)F19 208Pb/206Pb m/r	1.0207347	0.0543	1.0207347	0.0543	30 of 30	1.0207347	0.0543	30 of 30
(Set 4)F20 206Pb/204Pb 8/6 201	19.4662420	0.4404	19.4264802	0.4046	29 of 30	19.3308890	0.3337	26 of 30
(Set 4)F21 207Pb/206Pb 8/6 corr	0.9056995	0.1044	0.9056995	0.1044	30 of 30	0.9056995	0.1044	30 of 30
(Set 4)F22 206Pb/204Pb 8/6 200	16.2980985	0.3805	16.3503702	0.3298	28 of 30	16.3503702	0.3298	28 of 30
(Set 4)F23 206Pb/204Pb 8/6 202	16.5605959	0.3694	16.6121288	0.3204	28 of 30	16.6541021	0.2882	26 of 30
(Set 4)F24 Tl/Pb	0.0050455	2.6415	0.0048464	1.6814	27 of 30	0.0048064	1.5356	26 of 30
(Set 4)F25 206V	0.0483131	3.0180	0.0477292	2.8976	29 of 30	0.0460596	2.4801	26 of 30
(Set 4)F31 206/205	65.5022745	2.3192	67.5150242	1.6887	27 of 30	68.0486355	1.5387	26 of 30
(Set 4)F33 206/205 Tl corr	702.1884831	103.6242	721.6614396	25.8094	28 of 30	500.2755837	21.2622	26 of 30
(Set 4)F34 206/205 Tl corr mfc	689.8471341	103.6242	708.9778426	25.8094	28 of 30	491.4829650	21.2622	26 of 30
(Set 4)F35 205/206 Tl corr mfc	0.0019885	17.9510	0.0018142	17.7733	29 of 30	0.0014312	18.8788	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	0.0609398	0.3687	0.0608451	0.3466	29 of 30	0.0608451	0.3466	29 of 30
(Set 5)F10 204Pb/206Pb 201	0.0506905	0.5298	0.0506905	0.5298	30 of 30	0.0506905	0.5298	30 of 30
(Set 5)F11 204Pb/206Pb 202	0.0599056	0.3615	0.0598104	0.3365	29 of 30	0.0598104	0.3365	29 of 30
(Set 5)F12 207Pb/206Pb	0.9192466	0.0509	0.9195554	0.0395	29 of 30	0.9200421	0.0292	26 of 30
(Set 5)F13 208Pb/206Pb	2.2181763	0.0722	2.2197322	0.0570	28 of 30	2.2186301	0.0490	26 of 30
(Set 5)F14 206Pb/204Pb Tl fc	19.3985476	0.5340	19.3584517	0.5108	29 of 30	19.3178806	0.4837	28 of 30
(Set 5)F15 207Pb/204Pb Tl fc	17.6764152	0.5342	17.6005328	0.4775	28 of 30	17.6005328	0.4775	28 of 30
(Set 5)F16 208Pb/204Pb Tl fc	42.2835892	0.5336	42.1917733	0.5056	29 of 30	42.1037271	0.4783	28 of 30
(Set 5)F17 207Pb/206Pb Tl fc	0.9112275	0.0509	0.9115336	0.0395	29 of 30	0.9120161	0.0292	26 of 30
(Set 5)F18 208Pb/206Pb Tl fc	2.1797491	0.0722	2.1812782	0.0570	28 of 30	2.1801951	0.0490	26 of 30
(Set 5)F19 208Pb/206Pb m/r	1.0232856	0.0722	1.0240034	0.0570	28 of 30	1.0234950	0.0490	26 of 30

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(Set 5)F19 208Pb/206Pb m/r	1.0232856	0.0722	1.0240034	0.0570	28 of 30	1.0234950	0.0490	26 of 30
(Set 5)F20 206Pb/204Pb 8/6 201	19.2907866	0.5445	19.2907866	0.5445	30 of 30	19.2907866	0.5445	30 of 30
(Set 5)F21 207Pb/206Pb 8/6 corr	0.9086997	0.0278	0.9088409	0.0239	29 of 30	0.9088409	0.0239	29 of 30
(Set 5)F22 206Pb/204Pb 8/6 200	16.0396021	0.3912	16.0649508	0.3699	29 of 30	16.0649508	0.3699	29 of 30
(Set 5)F23 206Pb/204Pb 8/6 202	16.3162573	0.3849	16.3425643	0.3611	29 of 30	16.3425643	0.3611	29 of 30
(Set 5)F24 Tl/Pb	0.0155292	3.2853	0.0160182	2.5371	28 of 30	0.0162094	2.2958	27 of 30
(Set 5)F25 206V	0.0403374	1.3764	0.0401245	1.3227	29 of 30	0.0401245	1.3227	29 of 30
(Set 5)F31 206/205	22.1874985	4.3971	21.0995178	3.0419	28 of 30	20.4623221	2.3985	26 of 30
(Set 5)F33 206/205 Tl corr	187.5351311	123.1350	250.3566276	51.1821	28 of 30	389.4877724	23.2866	26 of 30
(Set 5)F34 206/205 Tl corr mfc	184.2390980	123.1350	245.9564721	51.1821	28 of 30	382.6423104	23.2866	26 of 30
(Set 5)F35 205/206 Tl corr mfc	0.0026969	14.0035	0.0026969	14.0035	30 of 30	0.0026969	14.0035	30 of 30