

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

Saturday, October 30, 2004 12:38:59 PM Page 1
(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
1								
SAMPLE, RUN, DATE	DLC-1A	1	Sat Oct 30 12:33:18 2004					
(Set 1)F1	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
205Tl/203Tl m/r								
(Set 1)F9	0.0577958	0.0316	0.0577882	0.0297	29 of 30	0.0577882	0.0297	29 of 30
204Pb/206Pb 200								
(Set 1)F10	0.0577475	0.0358	0.0577385	0.0334	29 of 30	0.0577385	0.0334	29 of 30
204Pb/206Pb 201								
(Set 1)F11	0.0577987	0.0320	0.0577908	0.0299	29 of 30	0.0577835	0.0244	26 of 30
204Pb/206Pb 202								
(Set 1)F12	0.9077271	0.0119	0.9077271	0.0119	30 of 30	0.9077271	0.0119	30 of 30
207Pb/206Pb								
(Set 1)F13	2.1862013	0.0061	2.1862134	0.0051	28 of 30	2.1863093	0.0044	26 of 30
208Pb/206Pb								
(Set 1)F14	17.0074025	0.0358	17.0100507	0.0334	29 of 30	17.0100507	0.0334	29 of 30
206Pb/204Pb Tl fc								
(Set 1)F15	15.3004320	0.0364	15.3007324	0.0304	28 of 30	15.3007324	0.0304	28 of 30
207Pb/204Pb Tl fc								
(Set 1)F16	36.5233336	0.0363	36.5300871	0.0324	29 of 30	36.5255360	0.0310	28 of 30
208Pb/204Pb Tl fc								
(Set 1)F17	0.8996338	0.0119	0.8996338	0.0119	30 of 30	0.8996338	0.0119	30 of 30
207Pb/206Pb Tl fc								
(Set 1)F18	2.1474963	0.0061	2.1475081	0.0051	28 of 30	2.1476023	0.0044	26 of 30
208Pb/206Pb Tl fc								
(Set 1)F19	1.0085350	0.0061	1.0085405	0.0051	28 of 30	1.0085848	0.0044	26 of 30
208Pb/206Pb m/r								
(Set 1)F20	17.1689204	0.0363	17.1689204	0.0363	30 of 30	17.1689204	0.0363	30 of 30
206Pb/204Pb 8/6 201								
(Set 1)F21	0.9038674	0.0112	0.9038674	0.0112	30 of 30	0.9038674	0.0112	30 of 30
207Pb/206Pb 8/6 corr								
(Set 1)F22	17.1545394	0.0317	17.1566604	0.0303	29 of 30	17.1566604	0.0303	29 of 30
206Pb/204Pb 8/6 200								
(Set 1)F23	17.1536970	0.0320	17.1537913	0.0288	28 of 30	17.1557519	0.0274	27 of 30
206Pb/204Pb 8/6 202								
(Set 1)F24	0.0287787	2.8374	0.0284256	2.6811	29 of 30	0.0274651	2.2009	26 of 30
Tl/Pb								
(Set 1)F25 206V	0.5715458	1.4723	0.5715458	1.4723	30 of 30	0.5715458	1.4723	30 of 30
206/205								
(Set 1)F31	12.0640084	2.6508	12.0640084	2.6508	30 of 30	12.0640084	2.6508	30 of 30
206/205 Tl corr								
(Set 1)F33	358.4671508	636.2438	-631.4174226	-211.4757	27 of 30	-2.6374581	-46415.8042	26 of 30
206/205 Tl corr mfc								
(Set 1)F34	352.0285338	636.2438	-620.0762023	-211.4757	27 of 30	-2.5900854	-46415.8042	26 of 30
206/205 Tl corr mfc								
(Set 1)F35	0.0000885	47.9853	0.0000718	56.2825	29 of 30	0.0000549	69.2932	28 of 30
205/206 Tl corr mfc								
(Set 2)F1	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
205Tl/203Tl m/r								
(Set 2)F9	0.0578196	0.0195	0.0578250	0.0178	29 of 30	0.0578250	0.0178	29 of 30
204Pb/206Pb 200								
(Set 2)F10	0.0577934	0.0208	0.0577991	0.0189	29 of 30	0.0577947	0.0180	28 of 30
204Pb/206Pb 201								

10
A ———— B
X 10
70 X 150

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

Saturday, October 30, 2004 12:38:59 PM Page 2

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

2	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	0.0577934	0.0208	0.0577991	0.0189	29 of 30	0.0577947	0.0180	28 of 30
(Set 2)F11 204Pb/206Pb 202	0.0578200	0.0186	0.0578256	0.0164	29 of 30	0.0578256	0.0164	29 of 30
(Set 2)F12 207Pb/206Pb	0.9084805	0.0110	0.9084785	0.0095	28 of 30	0.9084785	0.0095	28 of 30
(Set 2)F13 208Pb/206Pb	2.1875746	0.0045	2.1876236	0.0040	29 of 30	2.1876236	0.0040	29 of 30
(Set 2)F14 206Pb/204Pb Tl fc	16.9938471	0.0208	16.9921655	0.0189	29 of 30	16.9934464	0.0180	28 of 30
(Set 2)F15 207Pb/204Pb Tl fc	15.3009300	0.0242	15.3009300	0.0242	30 of 30	15.3009300	0.0242	30 of 30
(Set 2)F16 208Pb/204Pb Tl fc	36.5171457	0.0201	36.5164699	0.0171	28 of 30	36.5215390	0.0152	26 of 30
(Set 2)F17 207Pb/206Pb Tl fc	0.9003805	0.0110	0.9003786	0.0095	28 of 30	0.9003786	0.0095	28 of 30
(Set 2)F18 208Pb/206Pb Tl fc	2.1488453	0.0045	2.1488934	0.0040	29 of 30	2.1488934	0.0040	29 of 30
(Set 2)F19 208Pb/206Pb m/r	1.0091685	0.0045	1.0091911	0.0040	29 of 30	1.0091911	0.0040	29 of 30
(Set 2)F20 206Pb/204Pb 8/6 201	17.1443658	0.0224	17.1441643	0.0193	28 of 30	17.1441643	0.0193	28 of 30
(Set 2)F21 207Pb/206Pb 8/6 corr	0.9043329	0.0109	0.9043300	0.0093	28 of 30	0.9042625	0.0084	26 of 30
(Set 2)F22 206Pb/204Pb 8/6 200	17.1365829	0.0206	17.1349494	0.0189	29 of 30	17.1349494	0.0189	29 of 30
(Set 2)F23 206Pb/204Pb 8/6 202	17.1364748	0.0196	17.1347732	0.0175	29 of 30	17.1347732	0.0175	29 of 30
(Set 2)F24 Tl/Pb	0.0238702	0.8180	0.0237933	0.7807	29 of 30	0.0235762	0.6659	26 of 30
(Set 2)F25 206V	0.6784281	1.3112	0.6818635	1.2456	29 of 30	0.6917806	1.0396	26 of 30
(Set 2)F31 206/205	14.2520095	0.8014	14.2520095	0.8014	30 of 30	14.2520095	0.8014	30 of 30
(Set 2)F33 206/205 Tl corr	2257.1546780	317.5320	4941.2028486	66.0754	28 of 30	3655.9432113	60.2543	26 of 30
(Set 2)F34 206/205 Tl corr mfc	2216.6127360	317.5320	4852.4513062	66.0754	28 of 30	3590.2768930	60.2543	26 of 30
(Set 2)F35 205/206 Tl corr mfc	0.0000666	45.7123	0.0000818	33.3703	29 of 30	0.0000926	28.0863	28 of 30
(Set 3)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 3)F9 204Pb/206Pb 200	0.0578735	0.0368	0.0578735	0.0368	30 of 30	0.0578735	0.0368	30 of 30
(Set 3)F10 204Pb/206Pb 201	0.0578013	0.0370	0.0578013	0.0370	30 of 30	0.0578013	0.0370	30 of 30
(Set 3)F11 204Pb/206Pb 202	0.0578705	0.0354	0.0578705	0.0354	30 of 30	0.0578705	0.0354	30 of 30
(Set 3)F12 207Pb/206Pb	0.9082327	0.0126	0.9082791	0.0119	29 of 30	0.9082791	0.0119	29 of 30
(Set 3)F13 208Pb/206Pb	2.1872594	0.0080	2.1873292	0.0076	29 of 30	2.1874076	0.0064	26 of 30

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

Saturday, October 30, 2004 12:38:59 PM Page 3

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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 3)F13 208Pb/206Pb	2.1872594	0.0080	2.1873292	0.0076	29 of 30	2.1874076	0.0064	26 of 30
(Set 3)F14 206Pb/204Pb Tl fc	16.9915809	0.0370	16.9915809	0.0370	30 of 30	16.9915809	0.0370	30 of 30
(Set 3)F15 207Pb/204Pb Tl fc	15.2947143	0.0389	15.2947143	0.0389	30 of 30	15.2947143	0.0389	30 of 30
(Set 3)F16 208Pb/204Pb Tl fc	36.5070033	0.0346	36.5070033	0.0346	30 of 30	36.5070033	0.0346	30 of 30
(Set 3)F17 207Pb/206Pb Tl fc	0.9001349	0.0126	0.9001809	0.0119	29 of 30	0.9001809	0.0119	29 of 30
(Set 3)F18 208Pb/206Pb Tl fc	2.1485356	0.0080	2.1486041	0.0076	29 of 30	2.1486812	0.0064	26 of 30
(Set 3)F19 208Pb/206Pb m/r	1.0090231	0.0080	1.0090553	0.0076	29 of 30	1.0090914	0.0064	26 of 30
(Set 3)F20 206Pb/204Pb 8/6 201	17.1445808	0.0410	17.1445808	0.0410	30 of 30	17.1445808	0.0410	30 of 30
(Set 3)F21 207Pb/206Pb 8/6 corr	0.9041515	0.0122	0.9041963	0.0115	29 of 30	0.9041963	0.0115	29 of 30
(Set 3)F22 206Pb/204Pb 8/6 200	17.1231717	0.0408	17.1231717	0.0408	30 of 30	17.1231717	0.0408	30 of 30
(Set 3)F23 206Pb/204Pb 8/6 202	17.1240729	0.0393	17.1240729	0.0393	30 of 30	17.1240729	0.0393	30 of 30
(Set 3)F24 Tl/Pb	0.0248497	1.3944	0.0248497	1.3944	30 of 30	0.0248497	1.3944	30 of 30
(Set 3)F25 206V	0.4908797	2.7327	0.4849909	2.5724	29 of 30	0.4799085	2.4605	28 of 30
(Set 3)F31 206/205	13.7373892	1.4492	13.7373892	1.4492	30 of 30	13.7373892	1.4492	30 of 30
(Set 3)F33 206/205 Tl corr	1543.6836973	184.9890	1634.0460725	125.7338	28 of 30	1953.8107012	83.2180	26 of 30
(Set 3)F34 206/205 Tl corr mfc	1515.9567828	184.9890	1604.6961118	125.7338	28 of 30	1918.7172799	83.2180	26 of 30
(Set 3)F35 205/206 Tl corr mfc	0.0002324	19.1697	0.0001951	19.8950	28 of 30	0.0001797	20.5835	27 of 30
(Set 4)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 4)F9 204Pb/206Pb 200	0.0579499	0.0516	0.0579499	0.0516	30 of 30	0.0579499	0.0516	30 of 30
(Set 4)F10 204Pb/206Pb 201	0.0579159	0.0469	0.0579159	0.0469	30 of 30	0.0579159	0.0469	30 of 30
(Set 4)F11 204Pb/206Pb 202	0.0579502	0.0478	0.0579376	0.0441	29 of 30	0.0579672	0.0377	26 of 30
(Set 4)F12 207Pb/206Pb	0.9095782	0.0101	0.9095230	0.0084	29 of 30	0.9094853	0.0076	28 of 30
(Set 4)F13 208Pb/206Pb	2.1890304	0.0063	2.1891686	0.0049	28 of 30	2.1891686	0.0049	28 of 30
(Set 4)F14 206Pb/204Pb Tl fc	16.9580006	0.0469	16.9580006	0.0469	30 of 30	16.9580006	0.0469	30 of 30
(Set 4)F15 207Pb/204Pb Tl fc	15.2871056	0.0495	15.2871056	0.0495	30 of 30	15.2871056	0.0495	30 of 30
(Set 4)F16 208Pb/204Pb Tl fc	36.4643641	0.0465	36.4643641	0.0465	30 of 30	36.4643641	0.0465	30 of 30

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

Saturday, October 30, 2004 12:38:59 PM Page 4

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Set 4)F16 208Pb/204Pb Tl fc	36.4643641	0.0465	36.4643641	0.0465	30 of 30	36.4643641	0.0465	30 of 30
(Set 4)F17 207Pb/206Pb Tl fc	0.9014684	0.0101	0.9014137	0.0084	29 of 30	0.9013764	0.0076	28 of 30
(Set 4)F18 208Pb/206Pb Tl fc	2.1502752	0.0063	2.1504110	0.0049	28 of 30	2.1504110	0.0049	28 of 30
(Set 4)F19 208Pb/206Pb m/r	1.0098401	0.0063	1.0099038	0.0049	28 of 30	1.0099038	0.0049	28 of 30
(Set 4)F20 206Pb/204Pb 8/6 201	17.0967199	0.0482	17.0998481	0.0462	29 of 30	17.1029436	0.0440	28 of 30
(Set 4)F21 207Pb/206Pb 8/6 corr	0.9051237	0.0104	0.9050336	0.0082	28 of 30	0.9050314	0.0072	26 of 30
(Set 4)F22 206Pb/204Pb 8/6 200	17.0867109	0.0527	17.0867109	0.0527	30 of 30	17.0867109	0.0527	30 of 30
(Set 4)F23 206Pb/204Pb 8/6 202	17.0865823	0.0491	17.0903262	0.0454	29 of 30	17.0872975	0.0433	28 of 30
(Set 4)F24 Tl/Pb	0.0469621	6.8970	0.0469621	6.8970	30 of 30	0.0469621	6.8970	30 of 30
(Set 4)F25 206V	0.3805965	5.4428	0.3723200	5.2795	29 of 30	0.3471428	4.4304	26 of 30
(Set 4)F31 206/205	8.4635535	7.6013	8.4635535	7.6013	30 of 30	8.4635535	7.6013	30 of 30
(Set 4)F33 206/205 Tl corr	7347.3270769	41.0137	5007.4687669	39.2516	29 of 30	3935.5421095	26.0481	26 of 30
(Set 4)F34 206/205 Tl corr mfc	7215.3578720	41.0137	4917.5269875	39.2516	29 of 30	3864.8537684	26.0481	26 of 30
(Set 4)F35 205/206 Tl corr mfc	0.0002153	23.6314	0.0002417	18.6174	29 of 30	0.0002601	16.3790	28 of 30
(Set 5)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 5)F9 204Pb/206Pb 200	0.0580509	0.0424	0.0580613	0.0398	29 of 30	0.0580613	0.0398	29 of 30
(Set 5)F10 204Pb/206Pb 201	0.0579978	0.0449	0.0580092	0.0418	29 of 30	0.0580382	0.0346	26 of 30
(Set 5)F11 204Pb/206Pb 202	0.0580658	0.0415	0.0580761	0.0388	29 of 30	0.0580761	0.0388	29 of 30
(Set 5)F12 207Pb/206Pb	0.9097284	0.0115	0.9097321	0.0095	28 of 30	0.9097321	0.0095	28 of 30
(Set 5)F13 208Pb/206Pb	2.1901072	0.0078	2.1901072	0.0078	30 of 30	2.1901072	0.0078	30 of 30
(Set 5)F14 206Pb/204Pb Tl fc	16.9340311	0.0450	16.9306848	0.0418	29 of 30	16.9222104	0.0346	26 of 30
(Set 5)F15 207Pb/204Pb Tl fc	15.2680025	0.0399	15.2680025	0.0399	30 of 30	15.2680025	0.0399	30 of 30
(Set 5)F16 208Pb/204Pb Tl fc	36.4307351	0.0447	36.4228986	0.0406	29 of 30	36.4228986	0.0406	29 of 30
(Set 5)F17 207Pb/206Pb Tl fc	0.9016173	0.0115	0.9016209	0.0095	28 of 30	0.9016209	0.0095	28 of 30
(Set 5)F18 208Pb/206Pb Tl fc	2.1513330	0.0078	2.1513330	0.0078	30 of 30	2.1513330	0.0078	30 of 30
(Set 5)F19 208Pb/206Pb m/r	1.0103368	0.0078	1.0103368	0.0078	30 of 30	1.0103368	0.0078	30 of 30

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

Saturday, October 30, 2004 12:38:59 PM Page 5

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Set 5)F19 208Pb/206Pb m/r	1.0103368	0.0078	1.0103368	0.0078	30 of 30	1.0103368	0.0078	30 of 30
(Set 5)F20 206Pb/204Pb 8/6 201	17.0640826	0.0466	17.0575082	0.0409	28 of 30	17.0514692	0.0351	26 of 30
(Set 5)F21 207Pb/206Pb 8/6 corr	0.9050500	0.0127	0.9050590	0.0105	28 of 30	0.9051413	0.0090	26 of 30
(Set 5)F22 206Pb/204Pb 8/6 200	17.0484768	0.0426	17.0457001	0.0407	29 of 30	17.0374342	0.0340	26 of 30
(Set 5)F23 206Pb/204Pb 8/6 202	17.0440834	0.0415	17.0413366	0.0396	29 of 30	17.0361130	0.0359	27 of 30
(Set 5)F24 TI/Pb	0.0531126	3.0632	0.0531126	3.0632	30 of 30	0.0531126	3.0632	30 of 30
(Set 5)F25 206V	0.2959944	1.0087	0.2972182	0.9484	29 of 30	0.2961708	0.8151	26 of 30
(Set 5)F31 206/205	6.5642941	3.1093	6.5642941	3.1093	30 of 30	6.5642941	3.1093	30 of 30
(Set 5)F33 206/205 TI corr	-4451.2780933	-102.6756	-498.4648784	-324.0645	27 of 30	520.9121067	249.9929	26 of 30
(Set 5)F34 206/205 TI corr mfc	-4371.3263470	-102.6756	-489.5116886	-324.0645	27 of 30	511.5557305	249.9929	26 of 30
(Set 5)F35 205/206 TI corr mfc	0.0003476	20.8943	0.0003163	21.4429	29 of 30	0.0002895	22.3072	28 of 30
(Set 6)F1 205TI/203TI m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 6)F9 204Pb/206Pb 200	0.0580917	0.0560	0.0580917	0.0560	30 of 30	0.0580917	0.0560	30 of 30
(Set 6)F10 204Pb/206Pb 201	0.0579785	0.0581	0.0579651	0.0551	29 of 30	0.0579517	0.0519	28 of 30
(Set 6)F11 204Pb/206Pb 202	0.0580925	0.0585	0.0580925	0.0585	30 of 30	0.0580925	0.0585	30 of 30
(Set 6)F12 207Pb/206Pb	0.9096687	0.0110	0.9097133	0.0102	29 of 30	0.9097180	0.0092	27 of 30
(Set 6)F13 208Pb/206Pb	2.1898452	0.0083	2.1897636	0.0077	29 of 30	2.1897636	0.0077	29 of 30
(Set 6)F14 206Pb/204Pb TI fc	16.9397287	0.0580	16.9436409	0.0551	29 of 30	16.9475183	0.0519	28 of 30
(Set 6)F15 207Pb/204Pb TI fc	15.2721488	0.0587	15.2755519	0.0562	29 of 30	15.2828368	0.0488	27 of 30
(Set 6)F16 208Pb/204Pb TI fc	36.4386391	0.0589	36.4561921	0.0520	28 of 30	36.4641714	0.0489	27 of 30
(Set 6)F17 207Pb/206Pb TI fc	0.9015581	0.0110	0.9016023	0.0102	29 of 30	0.9016070	0.0092	27 of 30
(Set 6)F18 208Pb/206Pb TI fc	2.1510756	0.0083	2.1509955	0.0077	29 of 30	2.1509955	0.0077	29 of 30
(Set 6)F19 208Pb/206Pb m/r	1.0102159	0.0083	1.0101783	0.0077	29 of 30	1.0101783	0.0077	29 of 30
(Set 6)F20 206Pb/204Pb 8/6 201	17.0718828	0.0583	17.0759336	0.0551	29 of 30	17.0722387	0.0525	28 of 30
(Set 6)F21 207Pb/206Pb 8/6 corr	0.9050448	0.0095	0.9050431	0.0086	28 of 30	0.9050431	0.0086	28 of 30
(Set 6)F22 206Pb/204Pb 8/6 200	17.0386123	0.0564	17.0346465	0.0532	29 of 30	17.0346465	0.0532	29 of 30

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

Saturday, October 30, 2004 12:38:59 PM Page 6

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Set 6)F22 206Pb/204Pb 8/6 200	17.0386123	0.0564	17.0346465	0.0532	29 of 30	17.0346465	0.0532	29 of 30
(Set 6)F23 206Pb/204Pb 8/6 202	17.0383850	0.0587	17.0383850	0.0587	30 of 30	17.0383850	0.0587	30 of 30
(Set 6)F24 Tl/Pb	0.0529057	1.9459	0.0533088	1.8394	29 of 30	0.0533088	1.8394	29 of 30
(Set 6)F25 206V	0.2766050	2.1429	0.2707974	1.6992	28 of 30	0.2707974	1.6992	28 of 30
(Set 6)F31 206/205	6.4805989	1.9836	6.4202677	1.8301	29 of 30	6.2852021	1.6031	26 of 30
(Set 6)F33 206/205 Tl corr	4730.8672742	79.3739	1143.1042212	100.3665	29 of 30	1746.5347768	44.1659	26 of 30
(Set 6)F34 206/205 Tl corr mfc	4645.8936796	79.3739	1122.5723253	100.3665	29 of 30	1715.1643473	44.1659	26 of 30
(Set 6)F35 205/206 Tl corr mfc	0.0004048	19.0414	0.0003672	18.9613	29 of 30	0.0003672	18.9613	29 of 30
(Set 7)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 7)F9 204Pb/206Pb 200	0.0579949	0.0395	0.0579842	0.0361	29 of 30	0.0579842	0.0361	29 of 30
(Set 7)F10 204Pb/206Pb 201	0.0579535	0.0381	0.0579355	0.0337	28 of 30	0.0579355	0.0337	28 of 30
(Set 7)F11 204Pb/206Pb 202	0.0579970	0.0418	0.0579846	0.0372	29 of 30	0.0579846	0.0372	29 of 30
(Set 7)F12 207Pb/206Pb	0.9107782	0.0311	0.9110433	0.0113	29 of 30	0.9110899	0.0105	28 of 30
(Set 7)F13 208Pb/206Pb	2.1919019	0.0078	2.1917880	0.0060	29 of 30	2.1919467	0.0049	26 of 30
(Set 7)F14 206Pb/204Pb Tl fc	16.9469528	0.0381	16.9521849	0.0337	28 of 30	16.9521849	0.0337	28 of 30
(Set 7)F15 207Pb/204Pb Tl fc	15.2973071	0.0531	15.3028438	0.0402	29 of 30	15.3102122	0.0332	26 of 30
(Set 7)F16 208Pb/204Pb Tl fc	36.4883994	0.0350	36.4937374	0.0329	29 of 30	36.4987827	0.0310	28 of 30
(Set 7)F17 207Pb/206Pb Tl fc	0.9026577	0.0311	0.9029205	0.0113	29 of 30	0.9029667	0.0105	28 of 30
(Set 7)F18 208Pb/206Pb Tl fc	2.1530959	0.0078	2.1529840	0.0060	29 of 30	2.1531399	0.0049	26 of 30
(Set 7)F19 208Pb/206Pb m/r	1.0111647	0.0078	1.0111122	0.0060	29 of 30	1.0111854	0.0049	26 of 30
(Set 7)F20 206Pb/204Pb 8/6 201	17.0629948	0.0424	17.0686790	0.0381	28 of 30	17.0686790	0.0381	28 of 30
(Set 7)F21 207Pb/206Pb 8/6 corr	0.9057225	0.0338	0.9060096	0.0121	29 of 30	0.9060588	0.0112	28 of 30
(Set 7)F22 206Pb/204Pb 8/6 200	17.0508281	0.0432	17.0540653	0.0401	29 of 30	17.0540653	0.0401	29 of 30
(Set 7)F23 206Pb/204Pb 8/6 202	17.0502144	0.0456	17.0539649	0.0414	29 of 30	17.0539649	0.0414	29 of 30
(Set 7)F24 Tl/Pb	0.0312451	3.0534	0.0322031	2.2690	28 of 30	0.0322530	1.8715	26 of 30
(Set 7)F25 206V	0.4619532	3.9164	0.4418655	2.7634	28 of 30	0.4356031	2.4972	27 of 30
(Set 7)F31 206/205	11.2407826	4.1352	10.6816108	2.4916	28 of 30	10.4057552	1.8649	26 of 30

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

Saturday, October 30, 2004 12:38:59 PM Page 7

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Set 7)F31 206/205	11.2407826	4.1352	10.6816108	2.4916	28 of 30	10.4057552	1.8649	26 of 30
(Set 7)F33 206/205 Tl corr	-967.4217314	-302.0857	13.7939465	10389.2232	28 of 30	1458.0599438	75.3066	26 of 30
(Set 7)F34 206/205 Tl corr mfc	-950.0453610	-302.0857	13.5461862	10389.2232	28 of 30	1431.8709625	75.3066	26 of 30
(Set 7)F35 205/206 Tl corr mfc	0.0002396	19.1450	0.0002146	18.5393	29 of 30	0.0001973	18.8284	28 of 30
(Set 8)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 8)F9 204Pb/206Pb 200	0.0580450	0.0396	0.0580458	0.0336	28 of 30	0.0580610	0.0304	26 of 30
(Set 8)F10 204Pb/206Pb 201	0.0579391	0.0420	0.0579282	0.0388	29 of 30	0.0579193	0.0330	26 of 30
(Set 8)F11 204Pb/206Pb 202	0.0580420	0.0399	0.0580439	0.0324	28 of 30	0.0580587	0.0292	26 of 30
(Set 8)F12 207Pb/206Pb	0.9098785	0.0152	0.9099606	0.0127	29 of 30	0.9099583	0.0110	27 of 30
(Set 8)F13 208Pb/206Pb	2.1914051	0.0064	2.1913997	0.0049	28 of 30	2.1912911	0.0038	26 of 30
(Set 8)F14 206Pb/204Pb Tl fc	16.9511893	0.0419	16.9543565	0.0388	29 of 30	16.9569217	0.0330	26 of 30
(Set 8)F15 207Pb/204Pb Tl fc	15.2859996	0.0403	15.2864233	0.0354	28 of 30	15.2911092	0.0305	26 of 30
(Set 8)F16 208Pb/204Pb Tl fc	36.4892618	0.0417	36.4965839	0.0379	29 of 30	36.4966448	0.0340	27 of 30
(Set 8)F17 207Pb/206Pb Tl fc	0.9017661	0.0152	0.9018474	0.0127	29 of 30	0.9018451	0.0110	27 of 30
(Set 8)F18 208Pb/206Pb Tl fc	2.1526079	0.0064	2.1526026	0.0049	28 of 30	2.1524960	0.0038	26 of 30
(Set 8)F19 208Pb/206Pb m/r	1.0109356	0.0064	1.0109331	0.0049	28 of 30	1.0108830	0.0038	26 of 30
(Set 8)F20 206Pb/204Pb 8/6 201	17.0711587	0.0431	17.0741101	0.0408	29 of 30	17.0769987	0.0350	26 of 30
(Set 8)F21 207Pb/206Pb 8/6 corr	0.9049304	0.0145	0.9050214	0.0108	29 of 30	0.9049734	0.0098	28 of 30
(Set 8)F22 206Pb/204Pb 8/6 200	17.0399895	0.0410	17.0369049	0.0381	29 of 30	17.0341301	0.0310	26 of 30
(Set 8)F23 206Pb/204Pb 8/6 202	17.0408889	0.0413	17.0400362	0.0350	28 of 30	17.0347799	0.0299	26 of 30
(Set 8)F24 Tl/Pb	0.0289424	2.6025	0.0289424	2.6025	30 of 30	0.0289424	2.6025	30 of 30
(Set 8)F25 206V	0.3609701	1.4349	0.3551515	0.9697	28 of 30	0.3519193	0.7999	26 of 30
(Set 8)F31 206/205	11.9295851	2.5491	11.9295851	2.5491	30 of 30	11.9295851	2.5491	30 of 30
(Set 8)F33 206/205 Tl corr	1667.9874650	73.4599	2248.6714328	20.5736	28 of 30	2401.2817769	10.3511	26 of 30
(Set 8)F34 206/205 Tl corr mfc	1638.0278651	73.4599	2208.2818628	20.5736	28 of 30	2358.1510923	10.3511	26 of 30
(Set 8)F35 205/206 Tl corr mfc	0.0004488	11.2263	0.0004439	9.4600	28 of 30	0.0004429	8.1557	26 of 30

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

Saturday, October 30, 2004 12:38:59 PM Page 8

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Set 8)F35 205/206 Tl corr mfc	0.0004488	11.2263	0.0004439	9.4600	28 of 30	0.0004429	8.1557	26 of 30
(Set 9)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 9)F9 204Pb/206Pb 200	0.0580162	0.0487	0.0580052	0.0465	29 of 30	0.0580052	0.0465	29 of 30
(Set 9)F10 204Pb/206Pb 201	0.0579582	0.0403	0.0579582	0.0403	30 of 30	0.0579582	0.0403	30 of 30
(Set 9)F11 204Pb/206Pb 202	0.0580154	0.0463	0.0580051	0.0443	29 of 30	0.0580051	0.0443	29 of 30
(Set 9)F12 207Pb/206Pb	0.9104134	0.0266	0.9105691	0.0211	29 of 30	0.9108360	0.0147	26 of 30
(Set 9)F13 208Pb/206Pb	2.1917274	0.0073	2.1916550	0.0067	29 of 30	2.1916550	0.0067	29 of 30
(Set 9)F14 206Pb/204Pb Tl fc	16.9455817	0.0403	16.9455817	0.0403	30 of 30	16.9455817	0.0403	30 of 30
(Set 9)F15 207Pb/204Pb Tl fc	15.2899309	0.0466	15.2931381	0.0430	29 of 30	15.2931381	0.0430	29 of 30
(Set 9)F16 208Pb/204Pb Tl fc	36.4825432	0.0373	36.4878864	0.0356	29 of 30	36.4878864	0.0356	29 of 30
(Set 9)F17 207Pb/206Pb Tl fc	0.9022962	0.0266	0.9024505	0.0211	29 of 30	0.9027151	0.0147	26 of 30
(Set 9)F18 208Pb/206Pb Tl fc	2.1529245	0.0073	2.1528534	0.0067	29 of 30	2.1528534	0.0067	29 of 30
(Set 9)F19 208Pb/206Pb m/r	1.0110843	0.0073	1.0110509	0.0067	29 of 30	1.0110509	0.0067	29 of 30
(Set 9)F20 206Pb/204Pb 8/6 201	17.0629848	0.0443	17.0629848	0.0443	30 of 30	17.0629848	0.0443	30 of 30
(Set 9)F21 207Pb/206Pb 8/6 corr	0.9053958	0.0280	0.9055560	0.0225	29 of 30	0.9058399	0.0156	26 of 30
(Set 9)F22 206Pb/204Pb 8/6 200	17.0459722	0.0530	17.0497454	0.0498	29 of 30	17.0497454	0.0498	29 of 30
(Set 9)F23 206Pb/204Pb 8/6 202	17.0462067	0.0503	17.0497656	0.0474	29 of 30	17.0497656	0.0474	29 of 30
(Set 9)F24 Tl/Pb	0.0210564	3.9431	0.0210564	3.9431	30 of 30	0.0210564	3.9431	30 of 30
(Set 9)F25 206V	0.5365981	5.6998	0.5365981	5.6998	30 of 30	0.5365981	5.6998	30 of 30
(Set 9)F31 206/205	16.8035251	3.8119	16.8035251	3.8119	30 of 30	16.8035251	3.8119	30 of 30
(Set 9)F33 206/205 Tl corr	10044.2140438	76.2491	2511.3613137	56.9726	29 of 30	3298.0648164	13.3543	26 of 30
(Set 9)F34 206/205 Tl corr mfc	9863.8046341	76.2491	2466.2534327	56.9726	29 of 30	3238.8265401	13.3543	26 of 30
(Set 9)F35 205/206 Tl corr mfc	0.0003701	12.0132	0.0003297	11.2197	28 of 30	0.0003297	11.2197	28 of 30
(Set 10)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	30 of 30	1.0182900	0.0000	30 of 30
(Set 10)F9 204Pb/206Pb 200	0.0580754	0.1418	0.0580665	0.1059	28 of 30	0.0580656	0.0957	26 of 30

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

Saturday, October 30, 2004 12:38:59 PM Page 9

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Set 10)F10 204Pb/206Pb 201	0.0580803	0.1733	0.0579620	0.1049	28 of 30	0.0580209	0.0823	26 of 30
(Set 10)F11 204Pb/206Pb 202	0.0581171	0.1616	0.0580573	0.1100	27 of 30	0.0580304	0.1038	26 of 30
(Set 10)F12 207Pb/206Pb	0.9122006	0.0605	0.9125977	0.0435	29 of 30	0.9124401	0.0297	26 of 30
(Set 10)F13 208Pb/206Pb	2.1925422	0.0156	2.1923303	0.0103	27 of 30	2.1921979	0.0086	26 of 30
(Set 10)F14 206Pb/204Pb Tl fc	16.9113308	0.1707	16.9449002	0.1053	28 of 30	16.9274701	0.0822	26 of 30
(Set 10)F15 207Pb/204Pb Tl fc	15.2889719	0.1802	15.3033231	0.1227	27 of 30	15.2954552	0.1158	26 of 30
(Set 10)F16 208Pb/204Pb Tl fc	36.4222929	0.1681	36.4697960	0.0858	27 of 30	36.4545365	0.0778	26 of 30
(Set 10)F17 207Pb/206Pb Tl fc	0.9040674	0.0605	0.9044610	0.0435	29 of 30	0.9043048	0.0297	26 of 30
(Set 10)F18 208Pb/206Pb Tl fc	2.1537249	0.0156	2.1535167	0.0103	27 of 30	2.1533867	0.0086	26 of 30
(Set 10)F19 208Pb/206Pb m/r	1.0114601	0.0156	1.0113624	0.0103	27 of 30	1.0113013	0.0086	26 of 30
(Set 10)F20 206Pb/204Pb 8/6 201	17.0221402	0.1746	17.0563996	0.1067	28 of 30	17.0395657	0.0879	26 of 30
(Set 10)F21 207Pb/206Pb 8/6 corr	0.9070043	0.0621	0.9074270	0.0424	29 of 30	0.9073623	0.0315	26 of 30
(Set 10)F22 206Pb/204Pb 8/6 200	17.0231324	0.1477	17.0277436	0.1113	28 of 30	17.0281302	0.1007	26 of 30
(Set 10)F23 206Pb/204Pb 8/6 202	17.0111791	0.1629	17.0389736	0.1250	28 of 30	17.0376242	0.1095	26 of 30
(Set 10)F24 Tl/Pb	0.0192947	7.1510	0.0192947	7.1510	30 of 30	0.0192947	7.1510	30 of 30
(Set 10)F25 206V	0.3583604	15.0389	0.3079497	14.2442	28 of 30	0.2665965	13.4093	26 of 30
(Set 10)F31 206/205	21.0104191	8.9295	19.0792229	7.3136	28 of 30	17.6453847	5.9473	26 of 30
(Set 10)F33 206/205 Tl corr	3236.7339699	30.3940	1650.4907390	24.3738	27 of 30	1960.6354951	13.5805	26 of 30
(Set 10)F34 206/205 Tl corr mfc	3178.5972892	30.3940	1620.8454070	24.3738	27 of 30	1925.4194901	13.5805	26 of 30
(Set 10)F35 205/206 Tl corr mfc	0.0005439	25.1541	0.0005688	14.3678	28 of 30	0.0004869	12.9422	26 of 30
(Mean)F1 205Tl/203Tl m/r	1.0182900	0.0000	1.0182900	0.0000	300 of 300	1.0182900	0.0000	300 of 300
(Mean)F9 204Pb/206Pb 200	0.0579713	0.0213	0.0579604	0.0168	289 of 300	0.0579476	0.0150	269 of 300
(Mean)F10 204Pb/206Pb 201	0.0579165	0.0233	0.0579035	0.0162	293 of 300	0.0578890	0.0131	255 of 300
(Mean)F11 204Pb/206Pb 202	0.0579769	0.0228	0.0579637	0.0171	290 of 300	0.0579408	0.0145	262 of 300
(Mean)F12 207Pb/206Pb	0.9096686	0.0112	0.9095433	0.0084	286 of 300	0.9095320	0.0079	273 of 300

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

Saturday, October 30, 2004 12:38:59 PM Page 10

(counts per second) (First sample acquired : Sat Oct 30 12:33:18 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
(Mean)F13 208Pb/206Pb	2.1897595	0.0061	2.1897026	0.0057	292 of 300	2.1897622	0.0056	288 of 300
(Mean)F14 206Pb/204Pb Tl fc	16.9579645	0.0230	16.9616432	0.0161	293 of 300	16.9658488	0.0131	255 of 300
(Mean)F15 207Pb/204Pb Tl fc	15.2885543	0.0224	15.2900657	0.0152	290 of 300	15.2926224	0.0123	257 of 300
(Mean)F16 208Pb/204Pb Tl fc	36.4763718	0.0212	36.4819676	0.0138	292 of 300	36.4925391	0.0118	269 of 300
(Mean)F17 207Pb/206Pb Tl fc	0.9015581	0.0112	0.9014338	0.0084	286 of 300	0.9014227	0.0079	273 of 300
(Mean)F18 208Pb/206Pb Tl fc	2.1509914	0.0061	2.1509355	0.0057	292 of 300	2.1509941	0.0056	288 of 300
(Mean)F19 208Pb/206Pb m/r	1.0101764	0.0061	1.0101502	0.0057	292 of 300	1.0101777	0.0056	288 of 300
(Mean)F20 206Pb/204Pb 8/6 201	17.0909831	0.0261	17.0959448	0.0196	292 of 300	17.0940312	0.0168	259 of 300
(Mean)F21 207Pb/206Pb 8/6 corr	0.9050623	0.0097	0.9049720	0.0063	284 of 300	0.9049265	0.0053	255 of 300
(Mean)F22 206Pb/204Pb 8/6 200	17.0748016	0.0246	17.0784037	0.0208	292 of 300	17.0815468	0.0194	279 of 300
(Mean)F23 206Pb/204Pb 8/6 202	17.0731784	0.0258	17.0782309	0.0211	293 of 300	17.0802924	0.0193	277 of 300
(Mean)F24 Tl/Pb	0.0331018	2.5117	0.0309078	2.3221	281 of 300	0.0283981	1.9769	255 of 300
(Mean)F25 206V	0.4411932	2.2526	0.4410269	2.0568	291 of 300	0.4135454	1.9294	261 of 300
(Mean)F31 206/205	12.2546165	2.6941	11.7429355	2.1339	294 of 300	10.7757372	1.8686	265 of 300
(Mean)F33 206/205 Tl corr	2576.7735531	51.8037	2212.0783472	26.5348	290 of 300	2809.8703982	10.1053	255 of 300
(Mean)F34 206/205 Tl corr mfc	2530.4907685	51.8037	2172.3460449	26.5348	290 of 300	2759.4008385	10.1053	255 of 300
(Mean)F35 205/206 Tl corr mfc	0.0002958	7.5376	0.0002771	6.2650	291 of 300	0.0002304	6.1965	258 of 300