

Finish

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 16/8/95 UWA Mount No.: 95-11 Whose sample?: YUMIN Operator(s): IF+JK

Indicate any change to the following:		196	204	bkg	206	207	208	238	248	254
Precambrian	Count time (secs):	2 ✓	10 ✓	10 ✓	10 ✓	30 ✓	10 ✓	5 ✓	5 ✓	2 ✓
	Delay time (secs):	7 ✓	3 ✓	1 ✓	2 ✓	1 ✓	1 ✓	3 ✓	2 ✓	2 ✓
Phanerozoic	Count time (secs):	2	10	10	10	10	10	5	5	2
	Delay time (secs):	7	3	1	2	1	1	3	2	2

expected 196-204 = 8.170 amu expected 204-bkg = 0.040 amu Dead-time = 32 nanosecs
 actual 196-204 = 8.65 actual 204-bkg = 0.045 expected resolution = >4200
 Primary = 2.2 nA PESABM = 39 pA actual resolution = 4670
 expected Primary : PESABM ≈ 50:1 actual Primary : PESABM = 56

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 cps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	Age ±1σ (Ma) 206/238	207/206	Corr.
196 204 254	sl 511.3-5	11:34	5.75	13.5K	1416	-	3.3	0.2	-	578	208
204 206 207 250	3-6	11:56	5.73	15K	1596	222	1.1	0.2	579	565	208
196 238 248 254	u 511A.71	12:17	5.78	14.6K	9424	247	3.7	0.04	2606	2647	204
196 206 238 248	7-2	12:39	5.68	15K	10K	279	7.1	0.07	2560	2616	204
196 206 208 254	sl 3-7	13:01	5.70	15.2K	1651	229	3.0	0.2	584	590	208
196 0 207 208 238	u A.62	13:23	5.72	14.4K	9K	407	51.	0.6	1765	2393	204
196 206 207 208 238 248 254	8-1	13:58	5.82	16K	9.6K	267	142.	1.8	2213	2570	204
208 248 254	8-2	14:18	5.99	14.4K	16K	394	8.2	0.06	2521	2626	204
238 254	9-1	14:41	5.82	14.6K	7480	190	4.3	0.06	2619	2635	204
196. 204 208 238	sl 3-8	15:04	5.43	15.7K	1548	249	7.8	0.3	580	629	208
196 204 208 248	u A.104	15:27	5.62	15K	5870	185	3.3	0.05	2372	2603	204

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Rejection over-ride Sample/ Std ID Time - printout UO/U 196 cps 206 cps U ppm 204Pb ppb f206 % Age ±1σ (Ma) 206/238 207/206 Corr.

u511A.114 — quit — 204 > 100 cts

196. 204 206 207 208 238 248 254	12-1	15:55	5.84	15.2K	11K	340	12.8	0.14	2073	2502	204
196 206 208 238 248	13-1	16:21	5.78	14.6K	11K	305	8.8	0.08	2554	2634	204
196 204 207	14-1	16:44	5.35	17.3K	7K	268	27.	0.4	2091	2635	204
196 206 0 207 208 238	sl 3-9	17:07	5.83	14.3K	1561	217	2.1	0.2	574	576	208
206 207 208	16-1	17:50	5.72	15 K	10K	373	16.8	0.18	1955	2455	204
196 206 208 248 254	17-1	18:13	5.77	15 K	11K	306	15.	0.14	2504	2609	204
196 206 208 248 254	18-1	18:34	5.57	17.6K	8300	290	8.7	0.11	1961	2531	204
196. 206 208 250	sl 3-10	18:56	5.66	15.0K	1595	230	3.3	0.26	578	564	208
196 206 208 238	sl 3-11	19:19	5.82	14.2K	1575	221	2.7	0.17	570	577	208

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