

**UWA DATA LOG: SHRIMP ZIRCON U-Pb**

Date: 16/08/94 18:30 pm      UWA Mount No. 94-28      Whose sample? YQ      Operator(s) JUEITE

Indicate any change to the following:      196      204      bkg      206      207      208      238      248      254

<b>Precambrian</b>	Count time (secs):	2	10	10	10	30	10	5	5	2
	Delay time (secs):	7	3	1	2	1	1	3	2	2
<b>Phanerozoic</b>	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 = ..... nanosecs

actual 196-204 = .....      actual 204-bkg = .....      expected resolution = >4200

Primary = ..... nA      PESABM = ..... pA      actual resolution = .....

expected Primary : PESABM ≈ 50:1      actual Primary : PESABM = .....

Comments:

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 cps	206 cps	U ppm	<sup>204</sup> Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma) 206/238 207/206	Corr.
206 238	SL3.1-1	19:50	5.94	15.1K	1.6K	209	2.1	0.10	548 569	208
196 206 208	SL3.1-2	20:11	5.80	15.2K	1.6K	223	2.2	0.15	550 628	208
196 206 238	SL3.1-3	20:32	5.61	15.6K	1.62K	235	2.4	0.10	571 524	208
196 204 206 208 238 254	u419A.1-1	20:57	5.68	15.3K	3.02K	70	6.6	0.20	2877 2926	204
196 208 238	u419A.1-2	21:20	5.58	16.6K	9.14K	338	34.1	0.40	1928 2469	204
196 206 238 256	SL3.1-4	21:43	5.59	15.6K	1.65K	237	1.7	0.11	582 578	208
196 206 207 238 248 256	u429A.1-3	22:15	5.98	12.1K	4.58K	124	5.8	0.12	2674 2648	204
196 206 207 248	u429A.1-4	22:39	5.61	18.0K	2.86	68	9.3	0.38	2541 2680	204
196 206 208 238 254	u429A.1-5	23:02	5.76	16.2K	4.74K	114	2.4	0.05	2578 2660	204
196 206 207 208 256	u429A.1-6	23:25	5.77	16.8K	3.02K	67	2.0	0.08	2647 2678	204
196 206 238 256	SL3.1-5	23:48	5.57	16.7K	1.63K	228	2.7	0.1	571 505	208

*Handwritten notes:*  
 You have to change in the file and u429A.1-1  
 u429A.1-2

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.

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.
200 256 207 208 238	429A.1-7	00:13	5.83	15.7K	7.4K	178	4.7	0.07	2567	2665	204
196 206 248 250	429A.1-8	00:44	6.31	16.2K	3.2K	86	6.0	0.2	1840	2665	204
206 208 238	429A.1-9	01:08	5.64	16.K	7.0K	291	68.3	1.0	1747	2434	204
206 207 248	429A.1-10	01:32	5.66	16.2K	2.4K	60	38.7	1.7	2613	2696	204
196 206 207 238	SL3.1-6	01:57	5.59	16.8K	1.6K	230	1.3	0.10	572	56	208
196 208 238 248	429A.1-11	02:29	5.13	11.5K	5.0K	274	2.3	0.02	2525	2687	204
196 206 238 248	429A.1-12	02:52	5.61	15.7K	2.0K	57	2.0	0.1	2482	2665	204
206 250	429A.1-13	03:16	5.33	15.3K	2.8K	103	5.8	0.1	2422	2666	204
196 238 248	429A.1-14	03:46	5.48	14.1K	4.9K	150	5.4	0.09	2446	2667	204
196 206 238 250	SL3.1-7	04:14	5.74	15.9K	1.4K	197	1.2	0.1	553	656	208
206 208 238 248	429A.1-15	04:46	5.77	11.0K	3.2K	106	6.0	0.1	2697	2654	204
196 206 238 248 250	429A.1-16	05:11	5.58	16.3K	1.8K	50.8	3.9	0.2	2526	2662	204
196 206 207 208	SL3.1-8	05:39	5.76	15.9K	1.6K	214	2.7	0.1	556	506	208

15 STD  
 21/U 1.72505  
 UO/U 5.71439  
 Pb\*/U 0.17933  
 22/8 195

1 Std dev. % 1.5128%