

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

Date: 20/5/95  
~~19/4/95~~  
UWA Mount No.: 95-12C  
Whose sample?: A. Ross  
Operator(s): L. Wang.

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	40	10	5	5	2
	Delay time (secs): 6	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): 6	3	1	2	1	1	3	2	2

expected 196-204 = 8.170 amu      expected 204-bkg = 0.040 amu      Dead-time = 36 nanosecs  
 actual 196-204 = .....      actual 204-bkg = .....      expected resolution = >4200  
 Primary = ..... nA      PESABM = ..... pA      actual resolution = .....  
 expected Primary : PESABM ≈ 50:1      actual Primary : PESABM = .....

*see previous sheet for 20/5/95 (94-26)*

Comments from Log Book:

Rejection over-ride	Sample/ Std ID	Time - printout	196 cps	206 cps	U ppm	204Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma) 206/238	207/206	Corr.
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<i>Restore all</i>	<del>Std 1-1</del>									
<i>Restore all</i>	Std 1-1	0:59	12.7K	1037	191	-1.2	0.05	558±0.7	582±20	208
<i>Restore all</i>	Std 1-2	1:21	10.8K	1144	208	0.9	0.08	570±1	538±20	208
<i>Restore all</i>	Std 1-3	1:52	10.5K	1108	202	1.4	0.13	572±0.7	572±0.7	208
<i>Restore All</i>	UC 1-1	2:32	9.7K	1539	48	2.5	0.13	2738±12	2685±9	204 *
<i>Real non-linearity; Restore all</i>	UC 2-1	2:56	6.9K	2258	112	7.3	26.5	1435±9	2156±15	208
<i>Restore all</i>	UC 3-1	3:22	10.3K	1924	70	15.1	0.62	2463±10	2665±10	204
<i>Restore All</i>	Std 1-4	3:46	10.4K	1089	202	1.2	0.13	558±1	563±20	208
<i>non-linearity</i>	UC 4-1	4:10	10.8K	584	18	0.4	0.05	2746±21	2645±15	204 *
<i>Restore All</i>	UC 5-1	4:35	8.9K	2122	81	5.4	2.6	1783±60	2681±10	208
<i>Restore All</i>	UC 6-1	4:59	10.1K	1181	40	-0.5	0.03	2625±13	2676±10	208 *
<i>Restore All</i>	UC 7-1	5:24	10.1K	992	31	11.4	2.03	2517±14	2688±16	204 *
<i>non-linearity; Restore All</i>	UC 8-1	5:50	10.2K	678	20	7.3	7.9	2955±25	2721±45	204 *

