

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

Date: 4/4/98      UWA Mount No.: 96-08      Whose sample?: Captain Picard's      Operator(s): S. Brown

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 = 3.2 nanosecs  
 actual 196-204 = 8.167      actual 204-bkg = 0.040      expected resolution = >4200  
 Primary = 2 nA      PESABM = 44 pA      actual resolution = 4895  
 expected Primary : PESABM ≈ 50:1      actual Primary : PESABM = 66

Comments:

→ From I.F.'s set up on 96-02 earlier in day

12      3  
 11      1  
 13  
 5      2  
 6      8  
 4      16  
          17

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 cps K	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238    207/206	Corr.
	sl-1-1	21:03	6.40	6.4K	695	220	0.7	.06	572±1    560±30	208
	sl-1-2	21:40	5.97	19.5	1.7K	226	-ve	-	588±1    597±17	-
	u-12-2	22:07	5.84	20.0	10.6	251	7.4	.08	2771±5    2677±4	204
	u. 11-2	22:31	5.38	22.5	3.2	86	27.5	.78	2874±9    2675±9	204
	u. 13-2	23:03	5.83	17.4	11.1	320	6.6	.06	2659±5    2652±4	204
	u. 5-2	23:28	5.68	20.7	7.29	180	80.2	1.1	2805±6    2676±7	204
	u. 6-2	23:50	5.73	17.4	4.80	140	4.7	.09	2776±7    2679±5	204
	sl. 1-3	0:14	5.76	19.3	1.84	247	0.3	.02	633±1    518±18	208
	u. 4-2	0:36	5.92	22.1	6.3	129	15.8	0.31	2758±6    2691±5	204
	u. 4-3	1:10	6.20	16.8	5.5	137	10.9	.22	2585±6    2633±6	204
	sl. 1-4	1:33	5.68	20.9	1.80	249	-ve	-	597±1    579±17	-

