

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

Date: 2/6/98 UWA Mount No.: 98-10 Whose sample?: Frank Beilken Operator(s): McN + PV

Indicate any change to the following:

	196	204	bkg	206	207	208	238	248	254
<del>Precambrian</del> <del>Phanerozoic*</del>	Count time (secs):	2	10	10	20	30/10*	10	5	2
	Delay time (secs):	78	3	1	2	1	1	3	2

expected 196-204 = 8.170 amu      expected 204-bkg = 0.040 amu      Dead-time = 32 nanosecs  
 actual 196-204 = 8.168      actual 204-bkg = 0.045      expected resolution = >4200  
 actual 206-207 = 1.000      actual 206-208 = 2.000      actual resolution = 5336  
 Primary = 3.6 nA      PESABM = 48 pA      actual Primary : PESABM (≈ 50:1) = 75  
 Raster time (mins): 1      Raster aperture (microns): 100      No. of scans: 6

Comments: \* Quit acquisition program: needs calibrating std!

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 K cps	206 cps	U ppm	204Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma) 206/238    207/206		196-204 Corr- 206-207 206-208
	sl. 7-1	11:02	6.26	15.7	1387	220	0.6	.05	572±1	579±54	8.168 1.000 2.000
	sl. 7-2	11:18	6.05	16.6	1408	236	1.6	.13	571±1	497±52	— " —
	B. 2-2	11:39	6.39	15.7	598	* /	/	/	/	268±61	— " —
	<del>sl. 7-3</del> <del>B. 2-3</del>	11:56	6.23	15.8	1481	220	1.5	.13	571±1	499±40	— " —
	B. 2-3	12:12	6.22	15.9	1098	242	21.2	2.47	381±1	382±111	— " —
	B. 2-4				high	204					
	<del>B. 5-2</del>	12:34	6.29	15.8	1106	243	13.3	.49	378±1	805±41	— " —
	<del>B. 5-3</del>	12:50	6.26	15.9	677	142	1.0	.19	400±1	381±99	— " —
	sl. 7-4	13:07	6.13	16.6	1421	219	-0.9	/	551±1	530±32	— " —
	B. 10-3	13:24	6.18	15.4	590	145	0.3	.008	369±1	449±55	— " —
	B. 10-4	13:40	6.15	17.2	1486	248	3.8	-0.3	490±1	560±40	— " —

Mount/sample No: 98-10

Date: 2/6/98

Page No: 2

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U K cps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238    207/206	196-204 Corr. 206-20 206-20
	B. 29-2	13:58	6.01	16.5	529	140	8.1	.58	347 ± 1    681 ± 64	8.168 1.000 2.000
	sl. 7-5	14:14	6.14	16.2	1372	214	-0.2	/	553 ± 1    580 ± 32	" -
	B. 36-2	14:31	6.10	16.9	658	138	1.8	.35	409 ± 1    312 ± 96	" -
	B. 36-3	14:47	6.05	16.5	932	213	0.2	.54	393 ± 1    /	" -
	sl. 7-6	15:04	6.12	16.6	1421	221	0.0	/	547 ± 1    535 ± 32	" -
	sl. 6-1	15:20	6.13	16.4	1401	216	0.3	.03	557 ± 1    548 ± 40	" -
	B. 38-2	15:37	5.83	16.4	<del>1421</del> 598	149	0.2	.03	413 ± 1    431 ± 54	" -
	B. 80-2	15:55	6.22	14.4	1290	283	1.3	.12	430 ± 1    445 ± 49	" -
	sl. 1-1	16:11	6.22	16.0	1397	210	-0.5	/	557 ± 1    572 ± 32	" -
FINISH										
WENT TO 98-11										