

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 22/6/98 UWA Mount No. 98-29 Whose sample? JD/Joas Operator(s) McN

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*	10	5	5	2
Phanerozoic*	Delay time (secs):	98	3	1	2	1	1	3	2	2

expected 196-204 = 8.170 amu expected 204-bkg = 0.040^S amu Dead-time = 32 nanosecs
 actual 196-204 = 8.169 actual 204-bkg = 0.045 expected resolution = >4200
 actual 206-207 = 1.000 actual 206-208 = 2.000 actual resolution = 5462

Primary = 2.1 nA PESABM = 25 pA actual Primary : PESABM (≈ 50:1) = 84
 Raster time (mins): 1 Raster aperture (microns): 100 No. of scans: 6

Comments: B = C85b → Jan D

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 K cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238 207/206	196-204 Corr. 206-207 206-208
	S1.10-1	11:33	6.86	8.98	1325	220	-0.8	0.013	572 ± 1 584 ± 21	8.169 1.000 2.000
	S1.10-2	11:53	6.96	8.7	1318	216	-0.8	.012	571 ± 1 566 ± 21	- " -
	B. 1-1	12:15	7.04	9.5	313	43.3	0.0	.012	602 ± 3 614 ± 74	- " -
	B. 1-2	12:32	7.06	8.4	687	105	0.2	.03	606 ± 2 575 ± 34	- " -
	S1.10-3	12:50	7.10	8.9	1287	214	-0.1	/	527 ± 1 615 ± 20	- " -
	S1.10-4	13:07	7.03	9.0	1345	210	-0.1	.000	566 ± 1 494 ± 22	- " -
	B. 2-1	13:26	6.85	9.2	268	37.2	1.5	.64	664 ± 3 414 ± 108	- " -
	B. 3-1	13:44	7.28	8.7	947	127	4.2	.58	610 ± 2 473 ± 60	- " -
	B. 3-2	14:01	7.14	8.5	1053	153	0.3	-.03	618 ± 1 713 ± 24	- " -
	S1.10-5	14:19	7.36	8.4	1297	194	1.9	.18	556 ± 1 564 ± 35	- " -
<p>Computer crashed (during raster on B. 4-1)</p>										

¹⁰ during analysis.

