UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date	UWA Mount No.	Whose sample?	Operator(s)
24/6/98	98-03	ALSO	McN – IRF

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):	~~7~~ 8	3	1	2	1	1	3	2	2

expected 196-204 = 8.170 amu expected 204-bkg = 0.040 5 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 = 1.999 actual resolution = 5336

Primary = 2.4 nA PESABM = 29 pA actual Primary : PESABM (≈ 50:1) = 82.8

Raster time (mins): 1 Raster aperture (microns): 100 No. of scans: 6

Sensitivity = 18

Comments: C = 9796 – 9223

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	^{204}Pb ppb	f_{206} %	Age ±1σ (Ma) 206/238	207/206	OFFSETS ~~Corr~~ 196-204 206-207 206-208
											8.168 1.000 1.999
	s1.5-1	9:33	6.95	9.7	1404	220	1.8	.01	572±1	578±21	
	s1.5-2	9:53	7.04	9.7	1416	218	-ve	–	563	538	— " —
	C.1-1	10:12	7.02	9.3	3443	101	27.	.74	2615	2657	— " — (204)
	C.2-1	10:31	7.08	9.6	4321	241	380.	9.0	1328	2371	