

UWA SHRIMP DATA LOG: ZIRCON U-Pb

Date: 8/5/95 UWA Mount No. 95-5 Whose sample? Liang Wang Operator(s) I.F. + A.R

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254

Count time (secs): 2 10 10 10 40 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 = 0.045 amu Dead-time = 36 nanosecs

actual 196-204 = 8.170 actual 204-bkg = 0.045 expected resolution = >4200

Primary = 2.0 nA PESABM = 30 pA actual resolution = 4500 (collection adjusted)

expected Primary : PESABM ≈ 1:50 actual Primary : PESABM = 6.7

Comments from Log Book: *Several magnet dropouts during first 3 stds.*
 ① Sample change.

Rejection over-ride	Sample/ Std ID	Time	196 cps	206 cps	U ppm	204Pb ppb	f ₂₀₆ %	204-corr. Age ±1σ (Ma) 206/238	207/206	Peak cent. OK?
196, 206, 207, 238, 248, 254	sl3-1	?	10.6K	1380	—	0.4	0.04	—	—	✓
196, 206, 207, 238, 254	sl3-2	12:20	9.8K	1275	236	1.3	0.1	602 ± 1	—	✓
196, 206 (delete m=7 only)	sl3-3	13:10	7.5K	826	273	-ve	—	519 ± 1	—	✓
	uc-NM-1-1	13:55	12.4K	210	134	1.7	0.8	133 ± 1	119 ± 12	✓
206, 238, 248, 254	sl6-1	14:20	10.8K	1315	244	-ve	—	548 ± 1	—	✓
206, 238, 248, 254	sl3-4	14:40	11.6K	1500	241	1.6	0.1	571 ± 1	—	✓
	uc-NM-2-1	15:15	10.9K	104	82	-ve	—	122 ± 0.5	411	✓
	3-1	15:40	11.9K	329	235	0.8	0.3	128 ± 0.5	214	✓
196, 206, 238, 248, 254	sl-6-2	16:05	12.8K	1580	227	0.9	0.1	555 ± 1	—	✓
196, 206, 207, 238, 254	sl-6-3	16:40	9.9K	1360	223	1.6	1.2	623 ± 1	—	✓
	uc-NM-4-1	17:05	11.5K	298	156	1.2	0.5	123 ± 0.4	—	✓
	uc-NM-5-1	18:16	13.1K	191	112	2.0	1.2	127 ± 0.6	—	✓
	uc-NM-6-1	18:44	14.5K	173	102	1.6	1.1	128 ± 0.7	—	✓
	sl-6-4	19:08	13.4K	1653	237	1.0	0.78	553 ± 0.6	—	✓

196, 206, 207, 238, 254 sl-6-4

