Zircon on from A-37

UWA SHRIMP DATA LOG

Date	UWA Mount No.	Whose sample?	Operator(s)
9/7/00	96-83	Yates/Noreen	NMcN/AP

Indicate any change to the following:		196	204	bkg	206	207	208	238	248	254	270
Precambrian	Count time (secs):	2	10	10	10/~~20~~*	30/~~10~~*	10	5	5	2	
Phanerozoic*	Delay time (secs):	8	3	1	2	1	1	3	2	2	

Steel: Wein volts / nA = 80V/13.0 for O^-; = ~~54~~ 48V/2.6 for O_2^-; = 44V/8.7 for NO^-

dead-time = 32 nanosecs expected resolution = >4200 actual resolution = ...

aperture = 100 microns retardation lens = 0 volts

Expected offsets (amu): 196-204 = 8.170; 204-bkg = 0.045; 204-206 ~ 2.000; 206-207 = 1.000; 206-208 = 2.000

Actual: 196-204 = 8.162 204-bkg = 0.045 204-206 = ...

206-207 = 1.000 206-208 = 1.999

Primary-epoxy = 2.4 nA Primary-CZ3= ~~3.4~~ 3.5 nA PESABM-CZ3 = 53 pA

Raster time (mins): 1 Raster aperture (microns): 120 No. of scans: 6

Comments: Redo A: Targetting rims.

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 OK?
	sl 3-1	08:07	7.02	19.3	1803	220	0.0	.03	572 ± 1	579 ± 18	✓
	sl 3-2	08:25	6.90	19.6	1739	220	0.9	.02	572 ± 1	588 ± 18	✓
	A.13-2	08:46	7.55	17.1	6714	200	1.4	.03	1925 ± 4	2418 ± 6	✓ rim
	A.12-2	09:05	7.48	15.9	1640	42	4.1	.30	2405 ± 10	2626 ± 11	✓ rim
	sl 3-3	09:24	6.85	19.4	1847	234	0.4	.03	583 ± 1	575 ± 19	✓
	A.14-2	09:44	6.21	22.8	1297	34	0.2	.02	2715 ± 12	2651 ± 11	✓ rim
	A.10-2	10:03	5.31	22.9	1864	79	8.5	.26	2866 ± 11	2656 ± 10	✓ rim
	sl.3-4	10:24	6.74	20.2	1848	238	0.7	.05	580 ± 1	540 ± 33	✓

1° = 3.5nA →

1° = 3.4nA

1° = 3.3nA

1° = 3.5nA

1° = 3.6nA

overlap with epoxy

1°

1° = 3.5nA

Mount/sample No: 96-83 **Date:** 9/7/00

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 OK?
											core
I° = 3.5nA	A. 10-3	10:43	6.81	17.9	1398	36	1.7	.12	2666 ± 12	2663 ± 11	✓
I° = 3.6nA	A. 7-2	11:02	5.97	22.05	1221	37	1.6	.11	2757 ± 13	2641 ± 12	rim ✓
overlap with epoxy											
I° = 3.4nA	A. 6-2	11:21	7.13	18.7	1292	28	1.4	.13	2675 ± 11	2650 ± 11	rim ✓
I° = 3.5nA	SL. 5-1	11:40	6.93	19.6	1828	225	1.8	.15	576 ± 1	552 ± 26	✓
I° = 3.4nA	A. 3-2	12:01	7.12	16.5	1907	48	1.0	.06	2832 ± 11	2644 ± 9	rim ✓
	A. 1-2	12:20	7.53	17.3	2839	58	1.1	.05	2659 ± 9	2659 ± 7	rim ✓
I° = 3.3nA	A. 23-1	12:39	6.21	16.3	1369	46	2.0	.11	2913 ± 14	2623 ± 12	rim? ✓
I° = 3.5nA →	SL. 5-2	13:01	6.82	20.0	1805	230	-ve	.02	574 ± 1	568 ± 18	✓