

2020.58 195.803
 2303.21 254.044
 FIELD MASS

UWA SHRIMP DATA LOG: ZIRCON U-Pb

Date: 14/3/95 UWA Mount No.: 94-17C Whose sample?: Chris Yeats Operator(s): IRF, McN, LIANG

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 ✓ 2 ✓ 2 ✓ 2 ✓
 expected 196-204 = 8.170 amu expected 204-bkg = 0.040 amu Dead-time = 36 nanosecs ✓
 actual 196-204 = 8.172 actual 204-bkg = 0.040 expected resolution = >4200
 Primary = 2.0 nA PESABM = 30 pA actual resolution = 4420
 expected Primary : PESABM ≈ 1 : 50 actual Primary : PESABM = 67

C23
STD

Comments from Log Book: Spot is non-hablen. Has small bright centre. Outer ring size is no bigger than the spot size for 9417 on 17/1/95.

Rejection over-ride	Sample/ Std ID	Time	196 cps	206 cps	U ppm	204Pb ppb	f206 %	204-corr. Age ±1σ (Ma) 206/238	207/206	Peak cent. OK?
	* = CALIBR. STD									
	* sl 417-10-1	11:14	10K	1.07K	220	1.9	1.6	208 CORR. 572 ± 1	627 ± 20	
	- Reinstated	11:18								
	sl 417-110	11:40	10.1K	1.1K	203	1.7	1.4	617 ± 1	497 ± 20	OK
	* sl 417.1-12	12:10	9.7K	1.0K	220	2.6	1.8	571 ± 1	579 ± 20	OK
	U 417C.6-2	12:45	9.1K	8.9K	438	6.6	.05	2103 ± 3	2632 ± 3	OK
	sl 417.1-13	1:08	9.0K	9.0K	208	2.8	1.1	536 ± 1	782 ± 21	Measured final 206
	U 417C.5-2	2:15	10.0K	272	10	3.5	0.9	2694 ± 29	2527 ± 39	
	sl 417.1-14	2:38	9.9K	1.1K	217	1.9	0.14	594 ± 1	579 ± 20	
	U 417C.9-1	3:04	10.1K	3.1K	105	4.5	0.10	2937 ± 8	2920 ± 6	
	U 417C.10-1	3:27	7.2K	452	63	45	17.0	296 ± 3	2726 ± 84	??
	sl 417.1-15	3:54	10.8K	1.1K	233	3.9	0.3	584 ± 1	604 ± 19	
	U 417C.11-1	4:20	10.7K	3.4K	126	40.3	0.79	2737 ± 8	2892 ± 7	
	U. 12-1	4:44	11.8K	3.2K	125	54.8	1.24	2534 ± 7	2627 ± 9	
	U. 13-1	5:07	13.4K	2.0K	69	981	33.6	2061 ± 17	2823 ± 63	

Rejection over-ride	Sample/ Std ID	Time	196 cps	206 cps	U ppm	204Pb ppb	f206 %	204-corr. Age $\pm 1\sigma$ (Ma)	Peak cent. OK?
								206/238 207/206	
	U. 14-1	5:31	11.7K	532	21	5.4	0.72	2534 \pm 18 2661 \pm 22	
	sl. 2-1	5:54	10.7K	1.1K	234	3.5	.03	²⁰⁸ 590 \pm 1 620 \pm 19	
	U. 15-1	6:19	11.5K	3.7K	117	4.4	.08	2991 \pm 9 2934 \pm 5	
	U. 16-1	6:44	11.6K	4.9K	153	4.9	.07	3019 \pm 8 2936 \pm 4	
	U. 17-1	7:07	10.4K	11.7K	362	7.2	.05	2929 \pm 5 2898 \pm 3	
	U. 12-2	7:31	10.6K	560	23	6.5	.77	2670 \pm 19 2548 \pm 21	
	sl. 2-2	7:55	10.7K	1.2K	251	1.8	.21	²⁰⁸ 592 \pm 1 580 \pm 19	
	U. 12-3	8:09	11.8K	2.8K	119	135	3.67	2214 \pm 7 2589 \pm 16	
	U. 18-1	8:43	11.0K	781	29	2.3	.20	2713 \pm 16 2649 \pm 14	
	U. 18-2	9:09	11.0K	498	22	15.6	2.13	2375 \pm 17.6 2601 \pm 30	
	U. 10-2	9:34	10.8K	793	27	5.8	0.5	2730 \pm 17 2617 \pm 17	
	sl. 2-3	9:59	10.8K	1.2K	238	1.9	0.14	²⁰⁸ 594 \pm 1 532 \pm 20	
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	^{94-18B} sl. 3-17	10:39	10.6K	1.2K	222	3.1	0.25	²⁰⁸ 596 \pm 1 536 \pm 19	
	sl. 3-18								
	sl. 3-19	1:43	10.3K	1.1K	230	1.8	0.14	²⁰⁸ 687 \pm 17 608 \pm 19	
	U 1-1								
	U 2-1								

CHANGED TO MOUNT 94-18B

stopped print out

Halted 1° unstable, halted