

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 11/11/97 UWA Mount No. UWA 97-26 Whose sample? AGSO Operator(s) IRF + AR

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): 8 3 1 2 1 1 3 2 2

expected 196-204 = 8.170 amu expected 204-bkg = 0.040 amu Dead-time = 3.2 nanosecs

actual 196-204 = 8.168 actual 204-bkg = 0.043 amu expected resolution = >4200

actual 206-207 = 1.000 actual 206-208 = 2.000 actual resolution = 5760

Primary = 3.5 nA PESABM = 5.4 pA actual Primary : PESABM (= 50:1) = 65:1

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

Comments: [Primary on Epoxy = 2.7 nA] Sensitivity = 17.2

\* 48 analysis started, but only 30 analysed due to 7 common Pb.

< 1% work 2.6!

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f <sub>206</sub> %	Age ±1σ (Ma) 206/238 207/206	Corr.
	sl-6-1	18:03	5.98	21.8	2135	—	-ve	—	572 580	—
	sl-6-2	18:20	5.65	21.3	1988	258	0.6	.04	565 574	204
	A.1-1	18:51	6.26	19.6	14.4K	314	133	1.41	2225 2568	204
	A.2-1	19:15	5.81	20.8	4188	93	148	4.33	2501 2785	204
	A. <del>2-2</del> 3-1	19:46	6.39	19.0	13.6K	260	59	.67	2446 2635	204
	sl-6-3	20:05	5.83	19.5	1947	238	-ve	—	582 546	—
	A.4-1	20:32	5.82	20.9	1037	19.9	7.3	.83	2879 3014	204
	A.5-1	20:50	6.32	18.4	15.3K	359	80.4	.76	2160 2580	204
	A.6-1	21:14	6.40	19.5	15.0K	407	58.5	.66	1754 2283	204
	A.7-1	21:37	6.08	17.4	33.6K	731	160	.57	2687 2735	204
	sl-6-4	21:54	5.77	19.4	1799	238	0.0	.00	565 564	204

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U k cps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ± 1σ (Ma) 206/238    207/206	Corr.	
	A.8-1	22:25	6.37	17.7	13.9k	403	17	.20	1833	2368	204
	A.9-1	22:45	6.09	20.0	9527	236	74	1.11	2123	2539	204
	A.10-1	23:21	5.82	19.4	67k	1522	-ve	-	2705	2730	-
	A.11-1	23:39	6.19	19.5k	8637	226	70.3	1.20	1973	2541	204
	sl.6-5	23:58	5.88	19.0k	1967	237	0.7	.05	592	495	204
	A.12-1	00:16	5.88	19.2	7482	174	42.8	.68	2572	2740	204
	A.13-1	00:34	6.21	18.9	37.5k	730	143	.53	2600	2723	204
	A.14-1	00:58	6.08	20.8	3859	65	74.2	2.76	2799	2732	204
	A.15-1	1:25	6.48	19.3	18k	320	136	1.23	2467	2721	204
	sl.6-6	1:44	5.80	20.0	1799	228	-ve	-	561	618	-
	A.16-1	2:07	6.56	19.1	14.8	383	144	1.72	1722	2413	204
	A.17-1	2:25	6.41	18.5	17.5k	457	152	1.39	1882	2347	204
	A.18-1	2:43	5.91	19.7	5225	111	1.0	.02	2694	2713	204
	A.19-1	3:07	5.88	19.8	2795	61.6	25.9	1.14	2606	2712	204
	sl.6-7	3:26	5.81	18.8	1830	245	-ve	-	561	576	-
	A.20-1	3:43	6.95	18.7	21.3k	495	141	1.39	1667	2167	204
	A.21-1	4:05	6.22	18.2	23.3k	401	49.2	.28	2947	2788	204
	A.22-1	4:22	6.12	19.1	45.2k	863	-ve	-	2742	2736	-
	A.23-1	4:47	6.05	19.0	10.1k	231	28.1	.37	2444	2653	204
	sl.6-8	5:04	5.84	18.5	1836	256	-a1	-	551	592	-
	A.24-1	5:21	5.79	20.9	6785	152	32.4	.58	2599	2709	204
	A.25-1	5:41	5.97	19.3	6889	183	44.4	.82	2182	2641	204
	A.26-1	5:59	6.25	17.7	40.2k	811	22.2	.07	2627	2759	204
	A.27-1	6:19	6.47	19.5	13.0k	308	49.9	.64	1934	2570	204
	sl.6-9	6:42	5.00	18.1	1996	240	1.3	.10	584	472	204

Delete  
WAV P

SL capitalized



