

**UWA DATA LOG: SHRIMP ZIRCON U-Pb**

Date: 11/3/99      UWA Mount No.: 99-08      Whose sample?: JD      Operator(s): JD

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

<del>Precambrian</del>	Count time (secs):	2	10	10	10/26	30/32	10	5	5	2
<del>Phanerozoic</del>	Delay time (secs):	8	3	1	2	1	1	3	2	2

expected 196-204 = 8.170 amu      expected 204-bkg = 0.045 amu      Dead-time = 32 nanosecs

actual 196-204 = 8.170      actual 204-bkg = 0.043      expected resolution = >4200

actual 206-207 = 1.000      actual 206-208 = 2.000      actual resolution = 5100

Primary = 2.2 nA (on epoxy) 3.0 on c23      PESABM = 32 pA      actual Primary : PESABM (= 50:1) = 32:2.2

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

Comments: A = cent - of

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Offsets OK?	th/u
	sl. 10-1	12:13	6.58	11.9	1475	220	1.1	.10	572±1	519±28	✓	—
	sl. 10-2	12:39	6.62	12.1	1499	218	1.0	.08	570±1	575±25	✓	—
	A. 6-1	12:59	6.17	12.1	3166	245	huge!	>10%	1140±4 2643±28	2643±28	✓	1.58
	A. 5-1	13:17	6.34	11.5	1656	51.2	1.1	.06	2703±13	2688±9	✓	0.36
	A. 7-1	13:36	7.75	9.8	10.3K	284	91.2	1.25	2075±4	2043±8	✓	1.70
	sl. 9-1	13:56	6.54	12.3	1512	224	0.3	.02	570±1	631±30	✓	—
	A. 9-1	14:14	6.39	12.0	3.8K 472	172	2.4	.07	1851±5	1868±8	✓	.57
	A. 4-1	14:33	6.41	12.3	1095	30.5	-0.6	/	2718±17	2726±11	✓	.54
	A. 3-1	14:52	6.39	12.6	291	8.3	1.8	.60	2609±31	2647±30	✓	.69
	sl. 15-1	15:11	6.57	12.0	1513	221	-0.6	/	585±1	606±19	✓	—
	A. 3-2	15:30	6.69	12.5	1753	47.8	16.3	1.02	2422±12	2622±14	✓	1.23

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Rejection over-ride Sample/Std ID Time - printout UO/U Kcps 196 cps 206 cps U ppm 204Pb ppb f206 % Age ±1σ (Ma) 206/238 207/206 OK? THU

Rejection over-ride	Sample/Std ID	Time - printout	UO/U Kcps	196 cps	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	OK?	<u>THU</u>
	A.3-3	15:48	6.18	13.7	1768	58.6	33.1	1.73	2346 ± 11	2679 ± 16	✓	1.10
	A.99-1	16:18	6.50	13.9	922	24.5	3.2	.39	2457 ± 16	2695 ± 15	✓	.53
	sl.16-1	16:30	6.56	12.3	1519	217	0.3	.02	584 ± 1	506 ± 21	✓	-
	A.9-2	16:49	6.45	11.5	1465	42	-0.7	/	2756 ± 15	2692 ± 9	✓	.20
	A.9-3	17:07	6.44	11.8	1821	53.8	6.9	.34	2629 ± 12	176 ± 10	✓	.51
	sl.9-2	17:26	6.62	12.0	1474	214	0.7	.06	576 ± 1	531 ± 26	✓	-

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