

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 3/10/98 UWA Mount No. 98-51 Whose sample? Joas/AGSO Operator(s) McN + Orestes

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): 3.8 3 1 2 1 1 3 2 2

expected 196-204 = 8.170 amu expected 204-bkg = 0.040 amu Dead-time = 32 nanoseconds

actual 196-204 = 8.168 actual 204-bkg = 0.045 expected resolution = >4200

actual 206-207 = 1.000 actual 206-208 = 1.999 actual resolution = 5734

Primary = 3.8 nA PESABM = 52 pA actual Primary : PESABM (= 50:1) = 73

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

Sensitivity ~ 17

Comments: A = 21323 / Joas
 B = 98969055 / AGSO
 C = 98967008 / AGSO

2 Pb / 3

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	Age ±1σ (Ma) 207/206	Corr: 196-204 206-207 206-208
	sl. 3-1	10:55	6.45	18.9	2195	220	1.2	.10	572 ± 1	553 ± 27	8.168 1.000 1.999
	sl. 3-2	11:17	6.59	18.8	2213	211	0.3	.02	564 ± 1	541 ± 23	- " -
	A. 1-1	11:39	6.35	19.4	475	34.7	1.0	.38	783 ± 3	601 ± 70	- " -
	A. 2-1	11:57	6.22	19.6	910	69.5	1.0	.19	795 ± 2	754 ± 50	- " -
	sl. 3-3	12:15	6.37	19.1	2197	221	1.2	.10	585 ± 1	485 ± 22	- " -
	A. 3-1	12:33	6.25	18.7	3.1K	103	0.1	.003	1751 ± 4	2256 ± 7	- " -
	A. 4-1	12:51	6.47	18.5	838	59.4	0.2	.04	802 ± 2	755 ± 31	- " -
	A. 6-1	13:09	6.44	18.8	5.3K	175	0.6	.02	1606 ± 3	2196 ± 6	- " -
	sl. 3-4	13:27	6.19	19.8	2139	228	0.3	.02	584 ± 1	544 ± 30	- " -
	A. 7-1	13:45	6.41	19.0	1765	126	11.1	1.15	793 ± 2	701 ± 46	- " -
	A. 8-1	14:03	6.21	19.0	6.9K	223	2.5	.05	1794 ± 3	2301 ± 5	- " -

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OFFSETS
196-204

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	Age ±1σ (Ma) 207/206	Corr: 206-207 206-208
	A. 9-1	14:21	6.72	17.3	2196	137	1.6	.14	865 ± 2	1157 ± 18	*8.168 1.000 1.999
	A. 10-1	14:40	6.44	18.7	1970	140	0.5	.04	808 ± 1	767 ± 21	- " -
	sl. 3-5	14:58	6.33	19.2	2166	221	-0.8	/	584 ± 1	578 ± 16	- " -
	A. 11-1	15:16	6.29	19.3	2376	180	6.3	.46	781 ± 1	768 ± 26	- " -
	A. 12-1	15:34	6.17	18.7	2868	176	1.1	.06	1041 ± 2	1641 ± 11	- " -
	A. 13-1	15:51	6.25	19.0	2088	158	2.1	.17	810 ± 1	769 ± 22	- " -
	A. 14-1	16:10	6.29	18.8	5.6K	161	-0.1	/	1945 ± 4	2353 ± 5	- " -
	sl. 3-6	16:28	6.15	18.8	2034	229	1.3	.10	592 ± 1	531 ± 24	- " -
	A. 14-2	16:47	6.36	17.9	6.4K	179	0.7	.02	2009 ± 4	2402 ± 5	- " -
	A. 15-1	17:05	6.44	18.6	7.2K	218	3.4	.07	1767 ± 3	2284 ± 5	- " -
	A. 16-1	17:25	6.27	19.0	649	47.9	2.2	.58	819 ± 3	798 ± 68	- " -
	A. 17-1	17:42	6.44	18.5	4.1K	137	0.6	.02	1611 ± 3	2174 ± 7	- " -
	sl. 2-1	18:00	6.56	18.0	2.158	213	0.7	0.06	577 ± 1	568 ± 25	ADJUSTED
	A. 18-1	18:19	6.25	18.5	9691	267	1.6	0.02	2072 ± 4	2378 ± 4	ADJUSTED
	A. 19-1	18:38	6.09	18.5	5758	157	0.9	0.02	2229 ± 5	2388 ± 5	- " -
	A. 20-1	18:57	6.38	18.4	4557	164	1.7	0.06	1564 ± 3	2173 ± 7	- " -
	A. 21-1	19:15	6.35	17.9	3155	206	0.0	0.00	942 ± 2	1367 ± 10	- " -
	A. 22-2	19:33	6.44	17.8	5069	187	5.2	0.15	1528 ± 3	2178 ± 7	- " -
	SL2-2	19:51	6.54	17.9	2178	214	0.3	-	586 ± 1	518 ± 16	- " -
	A. 23-1	20:09	6.30	18.3	5702	174	2.3	0.06	1888 ± 4	2272 ± 6	- " -
	A. 24-1	20:29	6.22	18.4	883	73	0.3	0.18	787 ± 2	817 ± 22	- " -
	A. 25-1	20:47	6.41	17.8	7197	181	0.7	0.01	2168 ± 4	2343 ± 5	- " -
	A. 26-1	21:05	6.19	18.2	1899	155	1.0	0.08	814 ± 2	748 ± 21	- " -
	SL2-3	21:24	6.19	18.5	2058	238	1.2	0.004	577 ± 1	526 ± 25	- " -
	A. 27-1	21:42	6.31	18.1	4261	164	2.1	0.07	1546 ± 3	2218 ± 7	- " -

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

	A28-1	22:00	6.39	1787	515	40	0.7	0.23	783 ± 3	735 ± 62	—
	A28-2	22:19	6.42	1693	2287	178	3.8	0.27	816 ± 1	792 ± 24	—
	A.29-1	22:37	6.31	17.38	5921	208	0.0	—	1729 ± 3	2250 ± 6	—
	A.30-1	22:55	6.26	17.87	8423	280	0.10	—	1812 ± 3	2276 ± 5	—
	SL 2-4	23:13	6.41	1726	2043	226	0.0	—	576 ± 1	602 ± 16	—
	B.1-1	23:33	6.16	1820	1166	24	0.3	0.03	2787 ± 16	2712 ± 11	—
	B2-1	23:50	6.47	1771	2353	44	1.2	0.07	2711 ± 11	2709 ± 8	—
	B3-1	00:08	6.45	1716	2976	58	1.8	0.08	2772 ± 10	2717 ± 7	—
	B4-1	00:28	6.45	1711	1711	31	64.3	4.97	2813 ± 15	2735 ± 24	—
	SL2-5	00:48	6.50	1762	2135	219	0.5	0.04	582 ± 1	578 ± 20	—
	B6-1	1:06	6.43	1833	8030	357	27.1	0.54	1263 ± 2	1761 ± 9	—
	B8-1	1:25	6.32	1829	3016	58	14.2	0.63	2733 ± 10	2723 ± 9	—
	B9-1	1:42	6.14	1832	2908	57	114	4.74	2786 ± 10	2755 ± 17	—
	B10-1	2:01	6.38	1826	6428	105	65.1	1.31	3041 ± 8	3032 ± 6	—
	B.27-1	2:20	6.43	1755	2152	35	143	0.67	3088 ± 14	3192 ± 10	—
	SL2-6	2:38	6.19	1871	2012	230	0.2	0.02	576 ± 1	566 ± 27	—
	B.26-1	2:57	6.14	1833	5318	69	38.5	1.41	2762 ± 10	2715 ± 10	—
	B.25-1	3:20	5.91	1874	1192	22	149	13.47	2740 ± 22	2807 ± 42	—
	B.24-1	3:39	6.59	1783	7503	88	1.6	27.36	2898 ± 9	2769 ± 32	—
	B.22-1	3:57	6.38	1749	3677	71	9.5	0.34	2756 ± 9	2719 ± 7	—
	B.21-1	4:16	6.73	1683	13507	398	380	4.54	1614 ± 3		—
	SL2-7	4:35	6.14	1852	1933	231	0.3	0.02	571 ± 1	584 ± 17	—
	B120-1	4:53	6.17	1830	4352	91	3.2	0.09	2729 ± 8	2692 ± 6	—
	B20-2	5:17	6.37	1736	3496	70	4.6	0.17	2728 ± 9	2717 ± 7	—
	B.18-1	5:35	6.32	1820	1421	28	6.8	0.63	2712 ± 14	2789 ± 13	—

