

S/666.3-1  
M 666A.1-1

97.5

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date 3/2/97 UWA Mount No. 96-66 Whose sample? Luiz Operator(s) Izan/Luz

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): 7 3 1 2 1 1 3 2 2

expected 196-204 = 8.170 amu expected 204-bkg = 0.040 amu Dead-time = 32 nanosecs  
actual 196-204 = 8.168 actual 204-bkg = ..... expected resolution = >4200  
actual 206-207 = 1.000 actual 206-208 = ..... actual resolution = 4885  
Primary = 2-9 nA PESABM = 40 actual Primary : PESABM (= 50:1) = 73  
Raster time (mins): 2 Raster aperture (microns): 100 No. of scans: 6

Comments:

96-66A = CRM7 2.21164  
6.91820  
0.190023  
N = 8  
E = 1.2768

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.
S	sl.3-1	18:20	6.49	12.6	972	253	0.8	.05	599 562	208
	sl.3-2	18:38	6.52	12.6	969	251	1.5	.04	592 526	208
	U.3-1	19:15	7.71	11.5	4446	225	10.2	.20	1858 1990	204
	U.4-1	19:36	7.4	10.9	1255	63	-ve	-	2155 2051	-
	U.50-1	19:58	7.5	11.3	4011	223	8.8	.18	1835 2089	204
	U.6-1	20:17	7.3	10.9	1533	79	28.9	1.3	2168 2014	204
	sl.3-3	20:36	6.8	12.3	1032	239	2.2	.05	598 519	208
	U.5-1	20:58	6.9	12.0	1208	67	2.6	.14	2157 2059	204
delete	U.11-1	21:23	9.6	9.5	2797	796	21.5	.1	2140 1989	204
	U.17-1	21:44	7.29	12.1	2103	100	1.7	.06	2139 2074	204
	U.52-1	22:04	7.5	11.3	2033	94	0.0	.01	2143 2081	204

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.
	SL3-4	22:23	7.06	11.1	1006	238	1.3	.03	582	561	208
	51-1	22:44	7.6	11.2	2054	93	2.3	.09	2137	2083	204
	12-1	23:25	7.4	12.0	1802	98	2.1	.09	1818	2105	205
	13-1	23:43	7.1	11.9	1563	81	2.7	.13	2116	2069	204
	15-1	00:03	7.8	11.3	2286	129	15.2	.59	1698	2075	204
	SL3-5	00:32	6.9	11.6	1002	241	2.2	.02	584	569	208
	2-1	01:10	8.2	10.9	7263	281	18.9	.26	2096	2004	204
	1-1	01:30	6.7	12.7	1939	107	1.9	.06	2152	2088	204
	20-1	01:56	7.0	12.0	185	98	-ve-	-	2138	2066	-
	55-1	02:14	8.1	8.7	5248	268	10.4	.15	2079	2031	204
	SL3-6	02:40	7.5	11.2	1163	217	1.5	.13	597	533	208
	21-1	03:07	7.4	11.9	3418	160	26.4	.63	2104	2041	204
	56-1	03:39	8.5	10.5	10010	437	39.8	.42	1815	1899	204
	58-1	04:18	7.34	11.6	1675	83.4	0.5	.02	2110	2088	204
	59-1	04:37	7.5	11.7	1381	65	2.1	.12	2105	2085	204
	SL3-7	05:00	6.8	12.0	1031	240	-ve-	.01	594	643	208
	57-1	05:16	6.8	10.6	1850	70	-ve-	-	2082	2113	-
	60-1	05:43	6.8	11.5	1185	73	0.1	.01	2113	2077	204
01-1	64-1	06:11	8.4	10.5	7610	311	27.2	.37	1981	1972	204
	4-2	06:33	7.1	11.8	1353	72	6.5	.34	2129	2095	204
	SL3-8	06:54	7.0	11.0	977	239	0.0	.02	577	571	208