

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 13/12/96 UWA Mount No.: 96-43 Whose sample?: Luigi Operator(s): McN + Luigi

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): 18 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 = 0.043 expected resolution = >4200

actual 206-207 = 1.000 actual 206-208 = 1.999 actual resolution = 4.774

Primary = 2.8 nA PESABM = 41 pA actual Primary : PESABM (= 50:1) =

Raster time (mins): 2 Raster aperture (microns): 100 No. of scans: 6

Comments:

A = LC-3 TAB
 $Zr/U = 1.98226$
 $U/Pb = 6.76567$
 $Pb/N = 0.221174$
 $= 5$

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$\epsilon = 0.81$

Rejection over-ride	Sample/Std ID	Time - printout	UO/U	196 cps (K)	206 cps	U ppm	204Pb ppb	f206 %	Age ±1σ (Ma) 206/238	207/206	Corr.
	sl. 1-5	13:44	6.82	14.0	1530	220	0.4	.03	572 ± 1	608 ± 20	208
	sl. 1-6	14:01	6.72	14.3	1571	223	1.1	-.09	588 ± 1	—	208
1	A. 14-1	14:26	6.43	14.0	959	150	0.3	-.04	620 ± 1	592 ± 31	204
2	A. 24-1	14:45	6.40	15.0	4.6K	996	17.6	.44	430 ± 1	519 ± 22	204
3	A. 25-1	15:04	6.56	14.1	900	131	-0.1	—	624 ± 1	669 ± 23	—
	sl. 1-7	15:23	6.75	13.8	1535	227	0	—	582 ± 1	572 ± 19	—
4	A. 26-1	15:43	7.41	12.5	1505	179	1.9	.18	607 ± 1	557 ± 30	204
5	A. 23-1	16:01	6.80	12.7	504	75.8	2.2	.52	601 ± 2	499 ± 77	204
6	A. 22-1	16:21	7.08	12.8	3.2K	417	1.8	-.07	622 ± 1	579 ± 17	204
	sl. 1-8	16:41	6.75	13.7	1495	225	0.8	-.07	575 ± 1	588 ± 20	208
7	A. 21-1	17:01	6.42	14.0	1054	169	0.7	-.07	610 ± 1	605 ± 35	204

Named too long?

X

