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Follows on from 96-41

UWA DATA LOG: SHRIMP ZIRCON U-Pb

Date: 9/12/96 UWA Mount No. 96-43 Whose sample? Lwin Operator(s) Lwin + McN

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254
 Precambrian Count time (secs): 2 10 10 10 30/30 10 5 5 2
 Phanerozoic* Delay time (secs): 78 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 = actual 204-bkg = expected resolution = >4200
 actual 206-207 = actual 206-208 = actual resolution =
 Primary = nA PESABM = pA actual Primary : PESABM (= 50:1) =
 Raster time (mins): 2 Raster aperture (microns): 100 No. of scans: 6

Comments: A: LC3 TAB $2r/u = 1.86995$ $\epsilon = 0.9323$
 $Uo/u = 6.96630$
 $Pb/u = 0.22795$
 $N = 5$

as per 96-41

M 643A. SL 643.1-1

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.
	SL.1-1	00:35	6.8	9.2	1081	208	-ve-	.03	553±1	626±23		208	
	SL.1-2	00:53	6.9	9.0	1099	202	0.6	.00	554±1	622±22		208	
1	A.17-1	01:21	6.9	9.5	959	160	.9	.09	604±1	571±42		204	
2	A.15-1	01:46	6.9	8.7	1320	224	1.0	.07	621±1	640±44		204	
	SL.1-3	02:05	7.0	9.0	1070	195	1.5	.15	507±1	558±34		208	
3	A.16-1	02:36	7.0	9.4	643	103	-ve-	—	595±1	581±28		—	
4	A.18-1	03:00	6.5	9.1	901	208	-ve-	—	577±1	637±22		—	
5	A.12-1	03:23	7.1	9.3	480	76	0.4	.08	584±2	616±62		204	
6	A.12-2	03:41	6.9	9.4	476	79	1.6	.37	600±2	487±85		204	
	SL.1-4	04:01	6.9	9.4	1081	200	0.2	.01	550±1	—		208	
del	A.13-1	04:21	6.7	9.7	355	63	9.1	2.5	596±1	878		204	

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